Amateur Radio Station LOG

AMERICAN RADIO RELAY LEAGUE

NEWINGTON, CONNECTICUT, U.S.A.

CALLSIGN

VP5D
VP5DYL

Book No. 2

From 7/17/81

To

Price $1.75 in U.S.A.

OPTIONAL

ATTACH PHOTOCOPY OF YOUR LICENSE HERE.

IMPORTANT—FILL THIS OUT

CALLSIGN _____

Unless otherwise noted in the "COMMENTS" column, the following pertains to all entries made in this log:

Station Location _____
(Street Address)

_____
(City/Town)

_____ _____
(State/Province) (Country)

Time entries are in (check one): ☐ Coordinated Universal Time (UTC)

☐ _____ Time

Operator's Signature _____

EMISSION TYPES

- A0 Steady, unmodulated, pure carrier.
- A1 Telegraphy on pure continuous wave.
- A2 Amplitude tone-modulated telegraphy.
- A3 Amplitude-modulated telephony. A3 includes single and double sideband with full, reduced or supressed carrier.
- A4 Facsimile (amplitude-modulated).
- A5 Television (amplitude-modulated).
- F1 Frequency-shift keying (fsk).
- F2 Audio-frequency-shift keying (afsk).
- F3 Frequency or phase-modulated telephony.
- F4 Facsimile (frequency-modulated).
- F5 Television (frequency-modulated).
- P Pulse.

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ABOUT THIS LOG

THE ARRL UNIVERSAL LOG

Besides maintaining the minimum requirements, most radio amateurs keep a detailed log of their on-the-air activities. Such facilitates confirmation of QSL requests, investigation of potential TVI/RFI complaints, and detection of unauthorized use of your callsign. Keeping a neat accurate log is a matter of personal pride with the active radio amateur.

The ARRL Universal Log suits every type of amateur operation, DXing, contests, ragchews, casual. The left-hand segment of the log sheet contains generally **fixed** information which is not subject to change between contacts. This includes DATE, FREQ., MODE, and POWER. Consult the inside cover for mode designation unless you prefer to enter CW, SSB, FM, etc. The power should be indicated in watts input.

The right-hand segment of the log sheet contains the **variable** items that will change from contact to contact. This includes TIME (UTC recommended and indicated on inside cover), callsign of the STATION WORKED, and RST REPORT SENT and RECEIVED. The TIME OFF column may also be used to log EXCHANGE information for state QSO Parties and contests for which separate log sheets are not used. This column is located adjacent to the REPORT RECEIVED to facilitate this use. Otherwise, the station operator may use this column to log TIME OFF for ragchews and casual contacts. The COMMENTS column may be used for QTH, NAME, and QSL information, or any other information that the operator wishes to note. The COMMENTS column should also be used to indicate any variation from the standard information required on the inside cover. A checkmark will indicate QSL sent and received.

Be sure to fill out the required information on the inside cover.

LOG REQUIREMENTS

Although logging requirements have been relaxed in recent years, every Amateur Station in the U.S. must have a log with the following items as a **minimum** requirement:

1) The call sign of the station, the signature of the station licensee, or a photocopy of the station license.

2) The locations and dates upon which fixed operation of the station was initiated and terminated. If applicable, the location and dates upon which portable operation was initiated and terminated at each location.

3) The date and time periods the duty control operator for the station was other than the station licensee, and the signature and primary station call sign of that duty control operator.

4) A notation of third-party traffic sent or received, including names of all third parties, and a brief description of the traffic content. This entry may be in a form other than written, but one which can be readily transcribed by the licensee into written form.

5) Additional information as directed by the FCC.

6) Additional technical and other information when a station is remotely controlled, when a station has one or more associated stations, or when a station is operated in repeater operations. (See §97.103 of the Amateur Rules.)

RETENTION OF LOGS

The station log must be kept for a period of at least one year from the date of the last entry and be made available to the FCC for inspection if required.

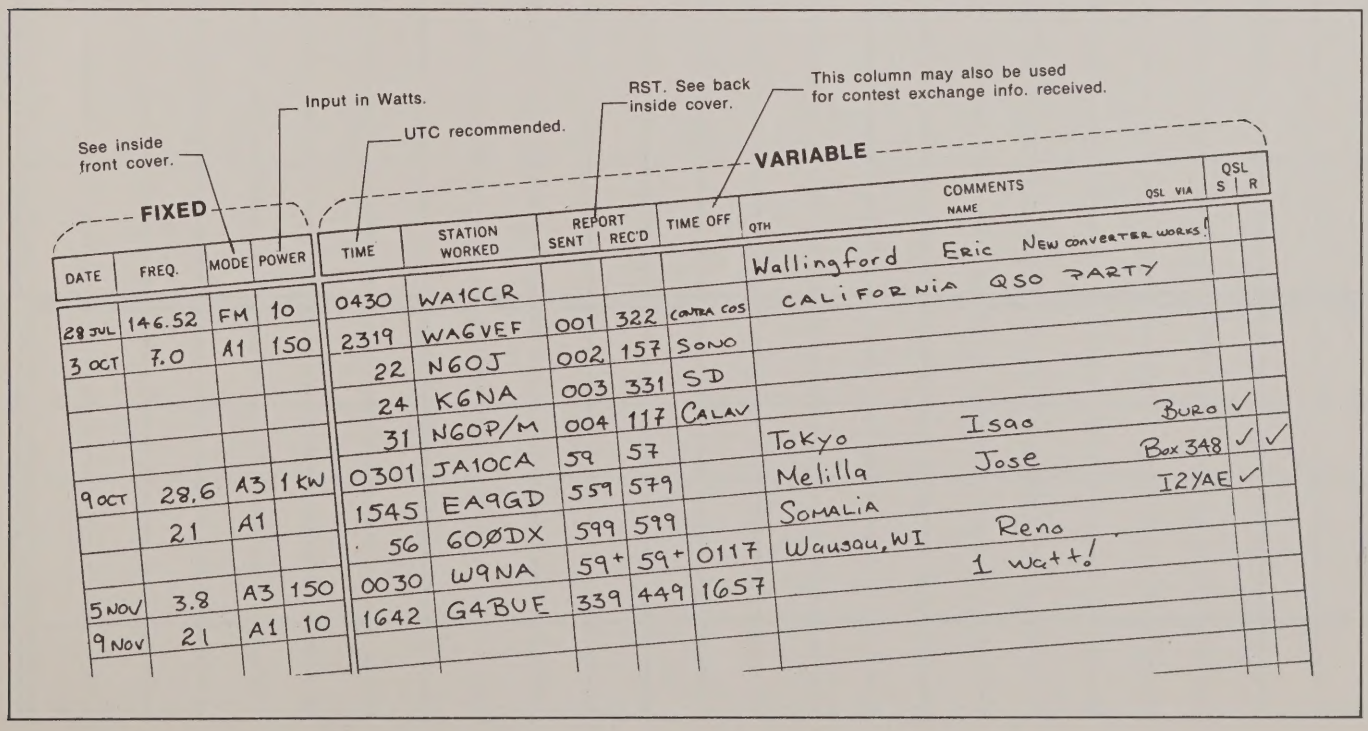
PORTABLE AND MOBILE OPERATIONS

Amateurs do not need to notify the FCC of mobile or portable operations. However, as seen in number 2 (above), the licensee must make a notation in the station log setting forth the locations and dates upon which fixed operation of the station is initiated and terminated. In addition, the licensee must make a notation for each time **portable** operation is initiated and terminated.

FCC defines portable operation as radiocommunications conducted from a specific geographical location other than that shown on the station license. Mobile operation is radiocommunication conducted while in motion or during halts at unspecified locations.

AVAILABILITY OF LICENSE

You must have your original license (or a photocopy) with you when you are operating mobile, portable, or guest-operating at another station. At your own station location you may post your license (or a photocopy) near the operating position in lieu of having it on your person. A convenient place is provided on the inside cover of this logbook for attaching a photocopy of your license. If you are guest-operating, you must have available for inspection the station license (or a photocopy) for that station, in addition to your own operator's license.



STATION NOTES:

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT		TIME OFF	COMMENTS	QSL	
						SENT	REC'D		QTH NAME QSL VIA	S	R

7-18-81

45/17° STORM

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
7-18	14.213	SSB	100	0223	UF6FBH	59	58		IGOR - BRILIZI		
	50	SSB	70	1240	WB2IFC	55	59		DON - NJ /LZZAF 184.3		
				1241	W2LT	59	59		HAL - NY UKG HKZ 136.4		
				1244	WA3 04W	59	59		GW - MD UF6 FBH		
				2207	WB4HIE	59	59		JIM - NC / W7LCC		
				2210	KC4P	59	59		BILL - AL FM7AD		
				2212	WA4BLB	59	59		HARLAN - TN		
					WA4EWA				BILL -		
				2215	WA4ZTK	59	59		JOHN - TN 331G		
				2215	WA4GBE	59	59		- NC		
				2217	AESH	59	59		- MS.		
				2219	K8CMH	59	59		JOHN - WVa.		
				2220	W4 42X	59	59		DOC - NC		
				2223	WD8CDT	59	59		DAISY - WVa		
				2223	WD4HBU	59	59		BILL - NC.		
				2224	N5AME	59	59		GARY - MS.		
				2225	WA4FSC	56	59		MAYNARD NC		
				2226	KA4PAY	56	59		ELLA - NC		
				2227	WA4MCP	56	59		- VA		
				2229	WD4ILV	59	59		BRUNK AL		
				2230	WA3SBT	59	59		BOB - NC		
				2231	WB4NMA	59	59		RON - GA		
				2232	WD4CXR	59	59		TED - NC		
				2233	WB8DRO	59	59		LOU - WVa		
				2234	WD3JCG/8	55	57		- OH		

CON .601 QHTO

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH NAME QSL VIA	QSL S	QSL R
									WA8DNQ CCON		
7-18	50	SSB	80	2236	WA4NVM	55			32 1/4" X 35 1/2" TOP TO Gray Line		
				2236	WD 5HLD	56	59		- MS.		
7-19				0210	W5EUB	55	55		BOB - TX.		
				0214	W5YY	59	59		PAT - TX.		
				0220	WA5UMD	59	59		JACK - LA		
				"	KA5FVI	59	57		CHARLEY - LA		
				0228	K5EWS	57	57		JIM - TX		
				0229	WB5CKO	55	57		DON - TX.		
				0230	K5KS	55	44		GERRY - TX		
				TO Log —							
7-24									RUDOLF		
~~CW~~	14.246	SSB	100	0103	EA9FZ	58	59		~~RUDOLPH~~ - MELILLA - SPANISH P.O. BOX 61 -		
	.187 (A)			0111	EA6DJ	57	57		-		
				0111	EA6GB	59	59		-		
	50.120		100	1759	N7BLS	59	59		DICK - OR.		
	.120		100	1804	K5IHR	55	56		RUSS - LA.		
7-26											
	50.109		100	1306	FM7AD	59	59		-		
					WA4CBJ	59	59		- NC		
					N4EJV	59	59		JOHN -		
					NI4Z	59	59		TOM - FL		
					WA4SX2	59	59		RICH - NC		
					W4ZND	59	59		- FLA.		
					W4WHC	59	59		DAVE =		
					W5HNQ						

WD4 FKT

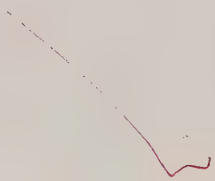
CHAOS #1

125

#

WA4HMB

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
					W400	59	59		Gene -		
					AA4RM	59	59		Marty -		
					N4EJW	59	59		-		
					WB4NMA	59			Ron - GW3NJY		
					K4JU	59	59		Jack -		
				1348	WB4OVT	59	59		-		
	144.2			50	W4GJO	55					
	.1			51	GW3NJY	57					
	"			57	KV4L	56					
	50				KIFJM						
				1355	K4UFT	59	59		Ted =		
					W4GJO						
				1358	KV4L				Larry - GA -		
				1401	WA5AAK	59	59		Bob -		
				1403	WA8NJR	59	59		- Ohio		
					WA8LXJ	55	59		Bill -		
					W4OWXT				-		
				1405	8P6KX	59	59		John - 146.31/91 -		
				1410	WD4HAI	59	59		Dale - Fla		
					N4VC	59	59		= TN		
					WD4GQG	59	59		Buddy - NC		
					WB5YNB	58	58		- FL.		
					WB4LHD	58	55		Rumby - TN.		
					W5UCY				Lowell - MS		
					K2MUB	59	59		Mario -		

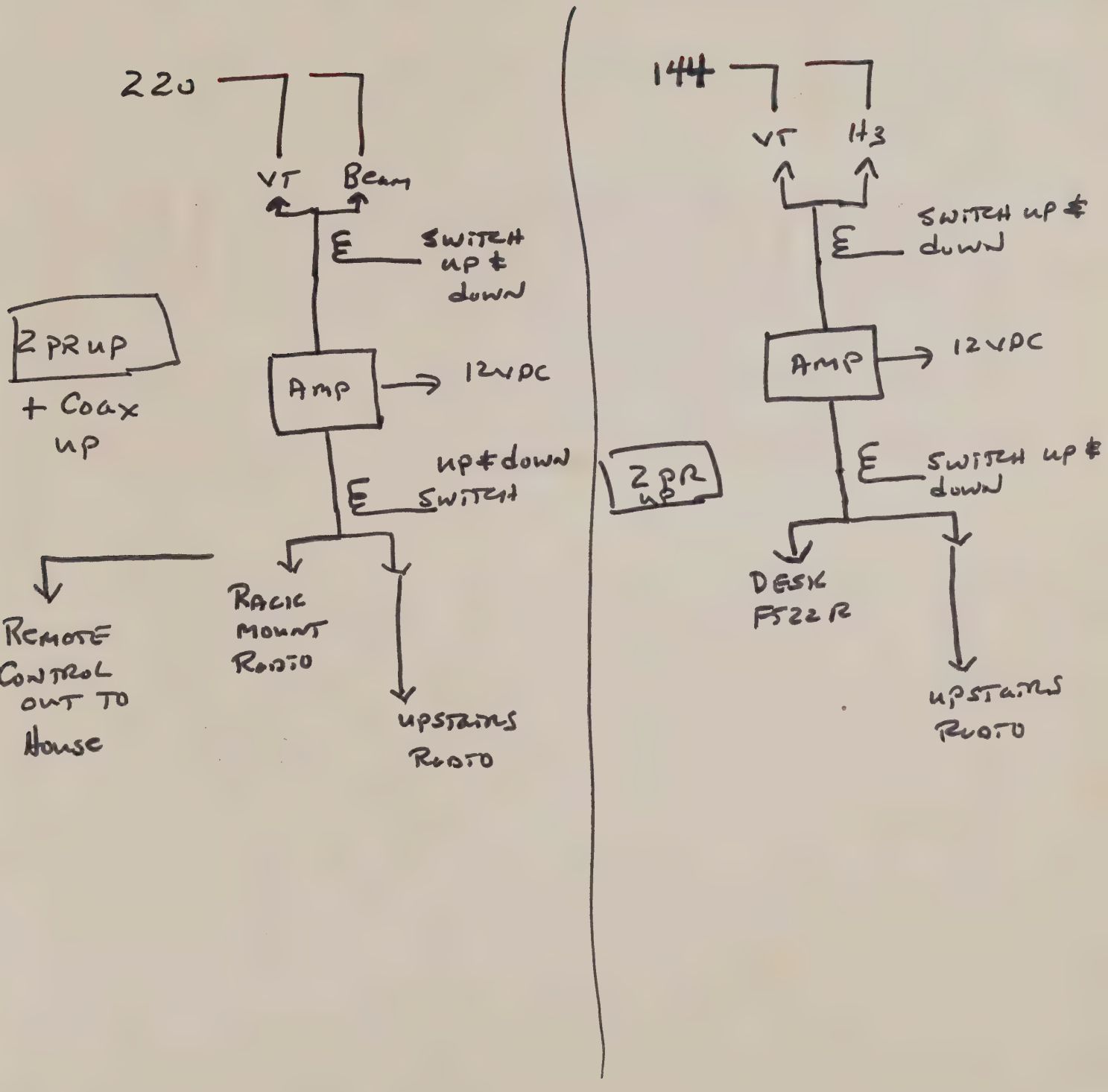


DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
7-4	50	SSB		1415	W2IDZ	59	59		=		
					W5VY	59	59		=		
					WA5QUD				JACK =		
					KA4BJE				DUICE -		
					KIFJM						
					GW3NJ4/4	59	59		MALCOLM =		
									- PA		
					WA3AXV	59	59				
					K3HCE	59	59		BILL - MD		
					WB4HBS	59	59		THOMAS - NC		
					N5BYM	57	57		- LA.		
					WA4ODB	59	59		STEVE - GA -		
					WB4SKV	59	59		[illegible] - FL.		
					KB5XQ	59	55		KEN - TX.		
					WA4UAS	59	59		BUB -		
					WA9AWG	57	59		PAUL - IND.		
					K5GE	55	55		- TX #2		
					WB5JAR	55	57		- ARK -		
					K5YVV	55	55		- TX		
					N5TX	57	57		- TX #3		
					N5JM	57	57		- LA.		
					WB4DZF	57	57		- TN		
					WB5ZIQ	55	59		CHARLEY - TX		
				1443	W2ZIKE	59	59		BILL -		
					KD4RG	59	59		JOHN - TN		
					WA4OWC	59	59		- FL		

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
7-26	50	SSB	60		K4ROM	59			-		
					N2BMP	59	59		- NJ.		
					WA2DPU	59	59		-		
					N4EJG	59	59		Curtis - NC		
					WA4JCi	59	59		Doug - FLA.		
					WD5CHW	59	59		- TX. #319		
					K4QKR	59	59		Bob -		
				1456	WA4LXH	59	59		Jerry -		
					WB5SOK	59	59		Carlos - La.		
					WB5CIKO	59	59		- TX		
					WB9VDY	57	59		- IL		
					WD9HQZ	57	57		- Iowa		
					WB2OTK/	59	59		-		
					KB4HF	59	59		-		
					WA4QFT	59	59		-		
					KA4TYF/4	55	59		Bob -		
					KA4iJV	59	59		Joe - TN		
					KA4JJJ	59	59		George = KY		
					WB2PMP/4	59	59		Dave -		
					K52RR	59	59		-		
					N4HB	56	56		- Va.		
					W4ODW	59	59		Gene - FL		
					LU1BAR/4	55	58		- LU1 BAR/1		
					WA4VTT	59	59		-		
				1512	WQ BN	57	59		Roy - ARRC		

LL OWING ATUREX RAND'ANDUC

CLASS



2PM - EASTERN 1800 GMT
LHA - Summits 14.310

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH / NAME / QSL VIA	COMMENTS	QSL S	QSL R
7-26	50	SSB	80	1514	WIAJA	59	59		ANDY -	WB6GGG2		
					AK4T	59	59		- Ga.			
					K4VPK	59	59		WENDELL - TN			
					WA4NVM	59	59		RICK - TN	EI6AS		
					WD4iiS	59	59		- Ga	EI2W		
					WB4D2G	59	59		- TN	EI9D		
					~~K~~8WK2	59	57		-			
					KA4DNR	59	59		BILLY - FLA	144.300		
					N4MM	59	59		- Va.			
					AA9D	57	57		- ILL			
					KL7JGi/4	59	59		DAVE - FLA.			
					WA4PKL	57	57		JIM - FLA			
					WD8iSK	56	56		TERRY - OH			
					WD4JHD	59	59		- TN			
					WA5CZF	56	59		- LA.			
					N5AME	59	59		- MS			
					WB4NiP	59	59		PAT - FLA.			
					K1JRW	55	53		-			
					VE1AN~~X~~	59	59			DL3ZM/		
				1540	N4EH4	59	59		PAUL - SC			
					WB8JHT	57	55		- OH			
					WA4EiH	57	57		SCOTT - Va.			
				1544	KA4PNT	59	59		- Ga (TO Log)			
11	28			2304	LU7DZ	59	57		VAN - TO Log			

WS
JG

W5CHH - BRian

VP5JCR - Jack

VP5RD -

VP5DW - Doc

41.5 / 58.0 · NE10

24.5 / 69.0W - NW10 - 25

Bahamas Hurr. Watch

None Expected

4WA — 14.313 — 14.303 disaster

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH / NAME / COMMENTS / QSL VIA	QSL S	QSL R
8/07	50	SSB	100	2230	WAØ4WA	57	59		MERL - SD		
8/29	28	SSB	100	1637	D4CBC	59	53		Julio - Cape Verde Islands		
9/04											
	28.49	SSB	100	2212	JA3BVJ	58	58		SHO[illegible] - KYOTA		
				2218	JH1RNZ	58	59		ISAO - [illegible]		
				19	JE2CAW	57	59		HIRO -		
				20	JA1KAW	59	59		ROSS -		
				20	JA3AQ	59	59		MASAO KYOTO		
				21	JA4CKQ	57	59				
				21	JA3WBK	59	59		—		
				22	JR1JAA	59	59		+		
				23	JA1KBB	59	59				
				24	JA3QHR	59	59				
				25	JA1OYY	59	59				
				26	JH1AFD	59	59		SOUTH		
				27	JH7DNO	59	59		31/91		
9-10	28,526	SSB	100	2309	TU2JD	59	57		13		
9-12	.599	SSB	100	2345	5W1DG	56	57		% VK9NS		
9/14	146.7	Central Nonsk		0017	Hi3ENR		146.7	(85)	EDWIN - OUT - (45 sec)		
					Hi3CAA		146.25		CHRIS - 146.7 - Hi8 - 86		
					Hi3VAK		147.00		VICTOR Hi3ENR - 1 BOX 59, SONSOGAN, D.R.		
					Hi3RGB				3VAK		
				0042	Hi3ENR	146.52		44/44	8P.M RGB		

07/67
PR — 16/76
- Simplex 52
WX —

14.300 - 14.320

E - 90 - 39.1 N
60.8 W

F - NW 10
22.2 N
67.7 W

147.15 Recm
75
IR

85/.25
146.
146.7
.1

OU 14.185 - Tues.

10 MTR 10 EL Telrex
10/06/81 - Ants. SE/at 44' (A)

28.0 - 1.5 to 1
.1 - 1.3 to 1
.2 - 1.15 to 1
.3 - 1.05 to 1
.4 - 1.1 to 1
.5 - 1.22 to 1
.6 1.3 to 1
.7 - 1.28 to 1
.8 - 1.2 to
.9 - 1.1 to 1

Y2 - 95 Ω -
UHF TV - - downstairs
FM Bcst - - downstairs

8 wire Control - 1 - up
To Home
Down - 1 - up/down
Stairs

RG8 - 220 up/down
" - 2 mtr up/down

10 Beam
To Rotor

		Wire to Shack
1 - Hvy Blk	-	TW12 Blk
2 - Hvy Wh	-	TW12 Wh
3 - Sm Blk	-	Hvy Blk
4 - " Wh	-	White
5 - Brown	-	Brown
6 - Red	-	Hvy Rd
7 - Blue	-	Blue
8 - Grn	-	Grn

Assemble VHF Ants

To Rotor	
Hvy Blk	-
Hvy Wh	-
Sm Blk	-
White	-
Brown	-
Red	-
Blue	-
Grn	-

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH / NAME / QSL VIA	QSL S	QSL R
9-13	—										
	146.85	FM	20		HI8PPM				~~Pedro~~ ~~Santiago~~ Santa Domingo — [P.O. Box		
					HI3ENR			.700	MALCO — 311, Puerto Plata —		
					HI3CAA			.850	San Francisco —		
					HI3RGB				—		
					HI8MFS				FRANK P.O. Box 133-12 — Santo Domingo —		
	P.O. Box 1043 / Santiago /			0103	HI3AGS		ANTONIO		{ HH / 34/94 16/76 } 31/91 - DR — Santa Domingo —		
									BUNO — P.O. Box — 1157 — Sant. Dom. / DR		
9-14									[70W Some on Cht. 11]		
	146.25/85				HI3CAA				CHRIS		
					HI3RGA						
10/02	7263				KV4FZ				Hondo — 2 — 144.15 — 20W TO 2330 Z		
					VP5BH				BRIAN — +144.2, 144.3		
					VP5JCR						
10/05									WB5CTK / TF3		
2215	N5BUG					59+	59+		JOHN — LA (TF3SG on 6)		
2220	N4CZS					56	56		- H/ORP Mtr.		
10/06											
1956	ZE1EI					57	57		BERNARD — Rhodesia —		
10/07									ZB2BL / 701-90		
1707	WA5IYX					59	59				
2208	K5JL				10	59	59		2DZH		

COMMENTS

ORV

W ^ GE UR 5

STS 57

N· CDRD

O aW2

PY 2XB

Hi 8 DaF BD, BH, MX, JCR, DW, HC, EE, RP, IW, RN, WJR, RAC, VE, JS, LU2DZH P42AA

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH	COMMENTS NAME	QSL VIA	QSL S	QSL R
10/09	50.119			0016	LU7EKA	58	59+			NORMAN	LU2DZH beacon		
				0021	LU3DCA	59	59+			MICHAEL	50.049-		
				0034	LU3EX	57	57			ALFREDO	- 144.300 at		
				0034	LU9AEA	59	59			Jorge -	00Z		
				0036	P45ZBU	57	57			DON -	beacon LU1DMA .112		
				0038	CX4BA	57	57			George -	Sept 15 - 2 mtrs		
				0040	LU9EHR	57	58			OSCAR -	window -		
				0042	LU7EGE	58	58			ALEX -	00 TO 0100 Z		
				0044	LU8AHW	579	57			-			
				0049	JA1CEW	44	54				/MM/ [redacted] GUEST OPERATOR		
	101			0119	LU7DZ	449	449			VAN -			
				0126	LU3EX	559	599			ALFREDO	LU		
					0140 - LU beacon assigned						LU9EHR		
					Beacon - 037 - 44WIC						8AUW		
	P42AA - 1450 57 - beacon at									(2DBTC .110)	LU8AHW		
	Tune in / TO 1600 A												
	.108			1456	P42XB	58	57			FREQ P42AA - Beacon - 010N - 50.059			
					QSL W2UTH						Hi 8 Bal		
	28.885				K8EFS	59	59				LU7DZ		
				(2040 / HHG - 10/08)							aa x 449 VAN		
10/10	P42AA beacon - 2340 TI - WKAT 2353 /										LU3EX / 2L2AJN - 6473		
10/09	14.185			2330	YP5BL	# SMOKE -							
10/10	50.098			0031	LU8DIN	56	58			Jorge (W4PRO/CE6)	(16 QSOs)		
	144.52			1200	VP5VE	59	59			VIC -	EP6 ESZ		
	146.85				Hi 3MAL / 44	59	59			Miguel - Sanjo Dominguez / P42AA			

ANNUAL GMRL MEETING - 10/23/81 - / 1930 / ? Place /

1200 - 144.0 28.880. BACK UP

0035 LU9 HJW sent 449

Hi 8DaF

QSL BOB UR RST 55N

DOM S THE BAND IS QUIET

HERE IS RAINING. TKS FOR QSO

F. PIT QSL. TNS BOB VP5D -

0045 Hi 8DaF - QSB - PSE I HVE

2 MTRS SB AND CW WE CAN

TRY ONE IN A SED PSE

WHAT FREQ FWRK IN 2

SSB? - (144.300 -)

HORIZONTAL

FIR 144.377 - CLAND

PSE GO HORIZ.

QSL (1) 449 S

Hi 8DaF R R UR RST 559

PSE READ UR RST VY QSB -

F. VP5D - Hi 8DaF - QSL - OK BOB

TNX FER QSO CU AGN. VP5D

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH / NAME / QSL VIA	COMMENTS	QSL S	QSL R
10/10	28.200	SSB		1221	W3iWU	59	59		Herb	HC1JX-beacon 72W/.033		
	"			1248	WB8NHA	59	59		Len - WVa			
	.882	SSB		2340	XE1GE	59	59		Jeff -	EL2AV Pat 50.040		
10/11	50.100	CW		0045	HI8DAF	559	559		Dom /DR			
	144.300	"		0608	"	449	559		" /DR			
10/12	- WIC TE 0037 TI - No beacons											
	50.109.7			0035	LU4HJW	449 559 / 56 56			ALEX -	G4MARCUS - 6 mtr Cushcraft - spherical - LNA oxtor300/		
					CORDOBA	59 59						
				JA's W1 & W4 on LU 0055 / LU W1 & W4				EL2,	KH6 0030			
				Sigs TO 54/5 64 0105								
	28.585			1205	EA9KF	59	59		Paco - LU3EXK - CW	XE3VV/MEXICO		
	28.680			1210	UL7AAN	599	55		alex			
	28.885			1405	[redacted]ZD8RE	59	59		(EOR/Dave)	10/07 / XE1TIS		
	.885			1425	8P6CX	59	59		Pam (SW 10)	W1 & W4 KH6 - 2250		
	.900			1605	W7KMA	57	57	TUM	8P6RX 3 JA	YS6BE 50.111.5 TO KH6 10/11 2330		
	.880			1612	N3BC2	59	59		G4YJW 2 JA			
				EL2AV - V4 WIC - 1613 - 50.040 (107)								
				1620 - 2B2 VHF 50.035 - 150 Past 1725					HP1AC - 2339	2115 - 2200 - 2200 - 2300 - 2130 TO KP4 EOR		
	50.0234 Fdg 1637				EL2AV	449	449		I356 - JA TO 0042	2MTR 90/ -		
	Fdg 150 Music - PKS South of EL2AV											
	.885			1653	ZS3E	58	57		PP 6 TO 2 - always Hm 2mtr - PK on 6 -	17 EL. Ants/ Pre-amp/Coax/WE0 PM/ 144.150 EOR		
	1700 - 125 Am on cw / ZS6LN 50.050 Bea.											
	2300 TI - 2D8TE (S1) WKing LU (S9) 229								ZS3E - 50.075	1900 10 min stop - / 2215 EOR 2mtr / 2315		
				2314	2D8TE	[redacted]	579					
										All General 2240 //		

ACON NW00M721

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10/12	232-	P4	2mW	6mm	S7 -45	Ni			WD2AICA - P42XB		
	2337				P45ZB4	59	59		Dan/		
					P42XB	58	58		Fred —		
					LU1DMA	57	59		Lui —		
					LU6HFI	56	58		Jose —		
					P45GX	55	58		=		
				144.285	144.291	--	55	-55B - 0006			
10/13	0030				FY7AZ	58	59		1001 - SU2 4el. FY7AZ - ALEC 144.300		
	0035				CX8BE	59	59		Geo -		
	0039				LU2DEK	56	56		THOMAS		
					IKV4 0000 TU JA - South -						
			50W		SJS Seem to be out of Direct.						
	0110		142W		PP5WL	449	559		ADOLFO -		
	0130				LU6DLB	56	55/6		JULIO —		
					P45BAB	56	55		PAV —		
	0144				CE3016	57	57/8		VIC — (VIC) CE 3016 105.9		
					134 Box				Wilcy JA - 0140		
				Beam to 105° -							
				Fm Sig -105° -	F47THF				0326 0157 - Big Station -		
				0340 ↑ Still on -		6U			⇒ 135° Strongest QSO		
				+ WK LU ? - 108 (A) -							
	June 10 to 13 Pm no			10-16 Pm - Look							
10-17 GK - P4 LAM Beam				0018 - 579 / DL3ZM/VU5 - 50.044.5 - 449 - 40° PIC -							
				F47THF 59+Beam - 50.0379							
	0018			P42XB		55	55		Wilcy 1,2 JA		
	0023			F47AZ		56	54+40		Alex IC202 / Not Pwr.		

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-17	28.885			1415	WA5IYX	59	59		HC2FG - (HC1MD/5)		
									OA4AWD (recently)		
									HK4EB (OA4DW)		
									2P9AB		
10-18 - 0050 GMT -				FY7THF S9+ -					Gone 0255 Z		
				VP2VGR W1KM W1KM EL2FY					50.0286		
									G4JLH		
	50.0286			0056	VP2VGR	339	559		TIM Beam 45°		
	13w - TI -			TI5JS					Europe 1334 - gone		
10-19	2345Z -			TE5JS - LU - FY7, PY2AA,					LU2DZH 6 beam		
	0030 - FY7 6 beam S9+ - others 51, 2								049 -		
	gone 0255Z										
	28.885			1625	N3AHT						
10/19/24 - NW TE observed -											
10/24											
Sunday NM				1501	WØZYF	59	59				
Aurora Calls				1500	KØILS	59	59				
Ithl NV				1502	K7ZOK	59	59				
Justin - A3				1503	N7ARC	57	59				
Bill - Col				1504	WA6KOU	59	59				
- NM				1507	K5FF	59	59				
Tom - A3				1508	N7AMA	59	59				
Justin - A3				1509	K7CIN	59	59				
Ray - A3				1549	WB7OHF	59	59		Ray		
Bill - CA				1550	K6QDN	59	59		Bill		

PJ9 EE 1 Aux FY7 P.O. Box #2 1007 1 Aux 3047 — Jim G4JCC . 103 EL2AN - 50.040 @319 Phone 2W - 20/25W

GJ 3YHH Box 1W Jersey .882/

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-21 —											
	50.			1557	N6AMD	59	59		Ray		
				1552	WA7UJH	59	59		Bill -		
				1552	N6CS	59	59		Bruce -		
				1558	K6DYD	59	59				
				1554	K6MEF	59	59		Mark		
				1555	K6GSX	59	59		Hugh		
				1555	WB6YPT	59	59		AL -		
				1556	WA6IJZ	59	59		-		
				1556	WB7SZM	59	59		JACK / Oregon		
				1558	W7ABX	55	55		Joe NV		
				1558	W6SMS	59	59		Zip - Fresno -		
				1559	N6AJ	57	53		Jerry -		
				1600	WB6DLY	59	57		Guy -		
				1600	K6JA	58	58				
				1601	KD6UJ	59	59				
				1602	AA6S	59	52		Bill		
				1603	K6IFZ	57	55		BOB - CIT27		
				1603	WA6BYA	55	53		BOB -		
	28.885 —			1630	— WA5IYX	59	59		-		
									2130/2300		
10-22 —									/EQ1.058 2145 - 1KW - 2DBTC		
	V4 WICTE -			0010	- Bad QSB -						
	28.885			0010	KGHCP	59	59		T32AB / KansW		
				0017	WA7QII	59	59		Mike		

Wa

LO

EL2 FV

KB · Y 49.3

KX FV

K FV

KV FY

2S 6FY LOX

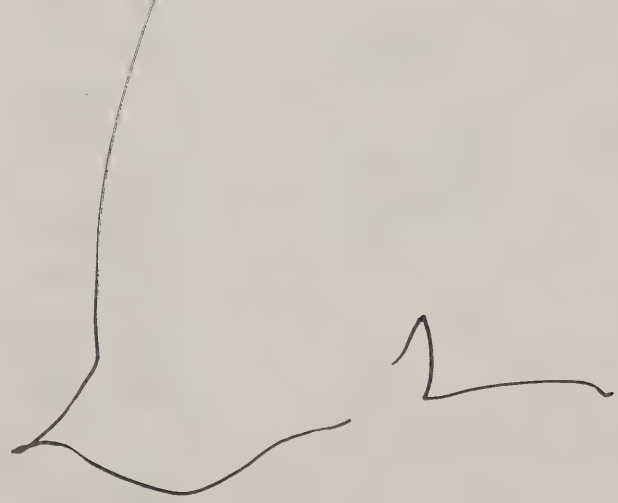
C 2M

Z

~~M~~ 6FV

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-22									SWL		
	Beacons -			0045	- 2AA / 44.2 /				- sigs out of normal		
	0140 JJ -				F47 beacon on P42 heading - S2-4				OA4AWD .030		
			23.6		Ath on CW						
	- my beacon -				Fm Signal Pkng 95 on 50.000 ←						
10-23											
1530 JJ	-	P42			beacon - P42 X Bcn						
1541		50.119.5			253E	56	56		Kcoe - .075 50/		
					Hr K6FV beacon - 1553 -				256 LN - 095		
				1619	- Fm SJ on 149 agn - Plums mus.t Pick 30 -						
1624					P42XB	57	57				
1625					K6PXT	59	59		Lee -		
					K6HHJ	59	59		Lonny -		
				1629	WB6BMB	59	59		pick		
					~~KA6HX~~						
					WA6JRA	59	59				
				1633	K6MYC	55	40				
				- 1655 - 253E Sqtl (BIC) on -							
				1703	K6MYC	59	59				
					N6AJ	59	59				
					K6HCP	56	56				
				1706	K6PKO	59	59		Jerry		
				1706	WA7LYI	59	59		Terry		
				1707	WB6WML	56					
				1308	K6QXY	55	55		Bob		
				1309	K9KV	59	59				

K9EFS



DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH	COMMENTS NAME	QSL VIA	QSL S	QSL R
					K7BBO	56	57						
					WA6TFS	56	59			JIM			
					N7BBL	55	57						
					WB7SZM	59	59			JACK			
					W7 ABX	59	59			JOE -			
					WA7BVH	56	56						
					WA7VIS	59	59						
					WA7KPH	55	55						
					WB7FDW	57	59						
					N7AMA	57	57						
					WB7DTI	55	53						
					K6HSU	59	59			ED			
					WA6UAP	59	59			PAT			
					K6FV	59	59			VIC			
					K6PFW	59	59						
					K6QON	59	59						
					WA6BYA	59	59						
					KD6UJ	59	59		DIXIE				
					W7TZO	55	55			ROY -			
					N6 JA	59	59			-			
					KA6MXV	59	59			RON -			
					K6DYD	59	59				KA6IAA 107.5		
				1719	WA6WPQ	59	59						
					K6PFW	59	59						
					KB7WW	57	57						

KHG Hi 098 029.7

eL2FY

52N

ΦM

Saito

WC UT

VNi KTu

W 55N

cΦ

u1

Ni R.

TKΦaVc

CT COT

NW c

De acF.

VeaN2CW

Z

1855G

ΦS aVV

USTac.

.0085—

CG ΦGU

L9NG UIa

DouHi

2MM

JaICEW/MM

2224

VPSID De

2D8TC—

F53 579—

HR aLSO aLSO

LU2ZM/R

OTV ReΦ BOB—

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH	COMMENTS NAME	QSL VIA	QSL S	QSL R
				1720	KG BDIC	59	59		Fmme	WB6JJE			
				1721	KA6AMT	55	59						
					KA6EYW	55	55		Dan				
					WB7Tii	55							
										MV			
				1830	KHGiAA	59	57		AL -				
				1833	KHGiAA	58	57			DYL			
		CW		1843	WB6JJE	339	459			WB			
		CW		1845	N6CT	SNN	569			N6CT			
	28 885			2025	WA7Y X					P46BN			
					2058 - 2D8TC			beacons -					
					2120 -								
	50.110			2123	LU3DEN	59	59						
	28.885			2125	N5TX	57	57		Tex	045			
				2224	2D8TC	579	569		P42XB	DL32M/4V5	N2CW (55B)		
				2312									
	50.027			2314	EL2FY	339	529		Sam - Africa Heaving				
	28 885			2325	Z53E	58	58		135 - 4 Hrs -				
					2350 - 2D8TC & EL2FY			Beacons still in -		2FY 229 3R 449	AH8A 105		
					Hrd KP4EOR on BK/Scatter -								
	50.110			2354	KP4EOR	44	539		Dave				
10-24				VY WIC EL2FY - at 0011 clc / LU's on TE at TI -									
				0017 - P42AA 339 / PP5WL - wkng JA at 0021 /									
			0230V	WIC (S2-3)					TE still in / no beacons				

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-24									50.098 - 25 STR -		
									256 LN - 060		
	1311 -	P42AA		Between	21	- gone	1355 RTT -		OA4AWD 030		
	Plan 55								DL32M/4N5 Jerry - 045		
	130										
	253E - 1435			P42AA	61C 549	- 1443 -	P42XB -				
	Wilco 1 TO 4							Wkg 9's,	50.090 256LN		
	1515 TT - V4	W1C		149	FM - [illegible]			253E 57	256LN - Jack		
									1337 - KITOL TU 1513		
	50.110 -			1625	P46ABA	339	339				
10-25	- V6T	0200	on	25Th - NO TESTS -							
			0209		KB9IJ/1KH2	59	59		Guam 27		
			0212		KG6RE	59	59		" 27		
			0213		KH7HAS	59	59		04		
			0214		KB9PJ	59	59				
	28.469		1434		VO2WL	59	59		5702 Zone 2		
	150U		1436		W2PV	59	59		5905		
	No 6mm observations -										
10-26-											
	50.105			1436	EL2AV	56	56		TOM - NGFL		
	28.894			1525	WA5IYX	59	59		Pat -		
	"			1529	WØSF	59	59		News -		
			2235Z	2DBTR	6mm	339					
			2340 -	P42AA	449 /	W1C 44	/P4 TE /				
			0038 -	4U	WILCO	JA					

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-27 - No observation				B-4 2035					WAØCSL		
	SØ TESTS			0035 TI							
10-28 - No DE SIGS				0225 TI -							
10-29 - 1450 TI									T 4 VS		
	VESMS .062								B VS		
	KØGUV 008								6.		
	1507			W5VLJ/7		33	55		~~D SVS~~		
	1509			VEGSW		56	57		DE VESMS - 062		
	1510			W7AVD		59+	59+		Jenny W7RZY		
	1525			W7RZY		59+	59+		Henry		
	1527			K7BBU		59+	59+				
	1528			W7ABX		59	59		Five		
	1529			KGM4C		59	59		NGAMG -		
	1530			KB6CO		59	59		Lenny		
	1530			NGAMG		44	59*				
	1531			WA7SZM		59	59				
	1532			KA7FSZ		56	56				
	1532			AE7K		56	57		NV - BUD		
	1533			VE5LY		58	59		2WSS -		
	1535			W6SMS		59	59				
	1537			W7FIV		59	59		TED - WN		
	1538			W7FI		59	59		JIM - WN		
	1539			W7JPA		59	59		~~ARCH~~ - WN		
	1540			WAGIJZ		59	59		BOB		

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-29-81											
	1540				K7TRE	59	59		Claus		
	1540				WB6BMB	59	59		DRAC		
	1540				K7KV	59	59				
	1542				KD6PY	57	57		Steve		
	1543				N7DB	59	59		OR -		
	1544				W6BJI	59	59+		GTB - CAL		
	1546				WB6ITM	59	59		JOHN -		
	1548				K6MEF	59	59				
	1548				WB7PMP	59	59		OR - Run		
	1549				WA6NVD	59	59		- Run		
	1550				K6ZMW	59	59		- Joe		
	1550				N6RZ	59	59		- Dave OCD		
	1551				WA6OCV	59	59	/	-		
	1552				W6BA	55	55				
	1552				KA6DOJ	59	59				
	1553				KD6UJ	59	59		DRAC		
	1553				K6GJD	57	57		BILL -		
	1553				N6IG	59	59				
	1554				N7EG	57	57		OR		
	1555				WB6TFG	57	57		-		
	1555				WA7NGK	55	57		JIM -		
	1556				W7AAW	55	55		- A3		
	1557				W7JXU	55	56				
	1557				N6CA	55	58		- CAL		

OhNDS L [redacted] W K T J 3 U K a

SAT DHT NOT a

LE TO CREEK

WIL APFIC

8i SE NEURO UE

R SS.

MY I EN LUKI

FRFWQ

OSRE

RUYGLL

CU GR ME

40

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N7 BDO

KL7 W.W

V 5D

K7 BRJK

Name

QSL

UN 425

K5 OUT SRSi X

L BE U. LABIL USUM

QTT RECONOTH

R500 · BLEOR SEW

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KB7 WW

K1

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P42 AA

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-29-				1558	W6ZJi	58	58		Ctmlie — 2L4 VHF-022 51.		
				1559	N6CT	59	59		Bruce		
				1559	N6Vi	59			Many — K20ie/6P6		
				1559	N7BLS	59			Dick — 01 JGL		
				1601	WGED	59					
				1602	KB7N	56	44		Mark LA -Idaho (X)		
				1605	WB7WNK	44	55		Oregon -		
				1607	WBGJJE	56	59		CAL -		
				1611	WGQCV	57	58		CAL - Bob ↑ To Copy Log		
				1624	W6UXN	57	57		Roy		
			182w	- IC7ICV, KB6PXT - others (N7DB)							
					STN 1W51/55 - VY QK CW TO 1835						
				19w - KG6MYC - 33 / 7FD1-59+ -							
				1911 - N6FV beacon - 559 -							
				1913	K7BBO	55	5-		AL7LH - Sitka		
				1924 - CW WK 097/ - 559					KL7NO - HMM(HMH)		
				- 2345 - TI - 2DBTC - Calling KG6BX -					KL7WE - KL7ISP Kenai		
				Moved To 109 - 59+ -					KL7BG		
				2255	2DBTC	59+	59+		KG6BX		
				(PY2XB-2314)					N2 CW		
WB2WSV/JGL									HP1AC - Cam		
Apparently F5 - To IE			F5→	2333	K2QiE/J6	59+	59+		- Ed / 3e / 501 3 watts		
			QSL to K2QiE	"	JGLOV	59	59		Errol Jatom 8P6KX Barb.		
				- PY2AA beacon - 2354 - 056 - dropping							
			28.305	0036	NØLL				(1930 TO 2130 KL7) Larry -		
10-30-			"	0133	KH6IAA	56	56				

CO CM G4JCC

QSX - 80, 00 7 KØKDG

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH / COMMENTS / NAME	QSL S	QSL R
10-30	—	SSB	100						UDG (WAØCSL)		
		M2TD	-	WA7JTM - CW 1100 / FM SSMB					075 -		
				KAØKEF							
			1424		WBØJOF	58	59		MN		
			1434		VE4AS	59	59		MN - AL		
			1431		WA7FPO	55	57		A3		
			1432		WA7JTM	57	57		A3		
			1433		K7GN	59	59				
			1435		W7RV	59	59		TOM A3		
			1438		K5EFW	56	55		Hamp NM		
			1444		WB7OHF	56	57				
			1445		W5FF	59	59				
			1447		W7AAW	53	53		CARL -		
			1448		KCØENI	55	55		Harvey		
			1449		WØØIN	55	54				
			1450		NØZA	55	55		RON		
			1450		KAØIKKP	57	57		BUTTE/MN.		
			1451		W7RZY	55	55		MT		
			1451		KAØIKIF	58	59				
			1452		W7XF	59	59		JIM - (W4)		
			1452		KAØIKKU	57	58				
			1454		KØWM	59	59		BRUCE - SD		
			1453		WØLCP	53	53		TED - MN		
			1455		KØUDZ	59+	59		GENE - SD		
			1458		WAØSBZ	55	57		MN		

K 6BBO

GX 73/
e JGDe K7BBO

NØCXE

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-30	—			1500	W7KMA	55	55		TUM		
				1505	KA7DLC	44			Connery -		
				1507	WB6AAG	57	59		Pamel CA		
				1508	N7AKV	55	55		NV		
				1508	KD6NJ	59	59		Cal		
				1509	WB6IHZ	57	59		-Cal		
				1510	WA6PSG	44	59		—		
				1511	KA6DIO	55	57		Dixie -		
				—	Venus beacon 061 - 1534						
				—	K6FV " 050 - 1541						
					ØUD2 - 59 1543						
				1544	KB6CO	57	55		— Lonny —		
				1546	WD6FIP	59	59				
				1606	- Pen CW .001 - W1CSC SSB - 1612						
				1710	- V4WIC N. Cal G's - W1CSC TRS CW -						
			2B	1722	WAØCSL	57			Mary = ND -		
				1752	- Still V4WIC G's						
				1832	- 7's - TOSG - WN, OR - 1849						
10-31			1450		- WA4ii? - CW - BKs - Europe						
					21.395 - AØ - Key down						
				1455	- Venus beacon				VE5LY W1CSC VP2 VGN 1457		
				1505	VE4MA	59	59		Bunny -		
				1506	W7HAH	55	58		Iff - MT.		
				1509	WAØCSL	53	55		Mary - ND.		
				1510	W6XJ	57	57		Gary —		

24 Hr
OA4WB 030

HC1JX-035

Venus

.375 - AØ
.90W - FM HK

S22DH

1900Z ZL

TO LOG

1MØ
2KT

AH8A
1056

T32AB
180
113
%N74L



DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-31				1511	VE4AOG	59	59		DON - 10 Watts		
				1513	KA7BTQ	57	57		Mank Idaho		
				1513	VE4ADC	59	59		Bruce -		
				1520	AA7A	57	59		- A3		
				1520	VE4 KF	57	59		-		
				1521	K7CiN	59	59		-		
				1521	WB7SLY	56	59		- A3		
					[redacted]		56				
				1523	KA7iXS	55	56				
				1523	W6UXN	59	59		Ray -		
				1523	WAG2SJ	59					
				1523	K6GMV	59			George -		
				1523	W7LFL	59	59		- Cheyenne		
				1524	WB7SBX	59	59				
				1525	WA6P2L	59			TOM -		
				1526	K6ODV	59			Ed -		
				1527	WA6THT	59			-		
				1527	W7LUX	59	55		Ive A3		
				1528	WB7TOV	59	59		NORa		
				1529	KØEU	55	55		· Col.		
				1530	W4WD/7	57	57		-		
				1530	K7SC/7	57	57		Sandy - A3		
				1530	KA7AØN	55	59		- Mont.		
				1531	K7CHA	59	59		- MT.		
				1531	KØAYK	57	59		- Col		

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-31				1532	WAGiPW	56	57				
				1532	NØADO	57	57				
				1533	WBØWFi	56	56		Bob		
				1534	KSMAT	55	55				
				1535	KASCEB	59	59				
				1535	WBØCM2	57	59				
				1535	NØCEB	57	58				
				1536	KØHD2	59	59		SD		
				1537	NØAKi	55	55				
				1537	WØETT	55	53				
				1537	KAØKiF	59	59				
				1538	W7VTB/	57	58		Bud		
				1539	WØNRi	55	55				
				1539	KAØKKO	59	59		Mat -		
				1540	WAØCIT	57	55		Jim -		
				1541	W7ZKL	59	59		Paul - Utah		
				1541	K7iCW	57	52				
				1542	WA7K4M	56	55				
				1542	W5FF	55					
				1543	KØiLS	57			Chuck		
				1543	VE5XU	59					
				1544	KØTSi	57	55				
				1544	WAØBNC	57	53		Frank -		
				1545	ABGH	19	55				
				1545	W6SMS	59			Zar		



TF3SG

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-31				1547	KA7DLB	55	59				
				1547	KØGUY	59	59		ED –		
				1548	K6XJ	57	59		Penny		
				1549	W6DPD	57	57				
				1553	WA7VEZ	59	59		Ollie NV		
				1555	WB7SBL	59	59		Art NV		
				1556	KI7D	59+	59		Bill –		
				1558	K6PXT	58	58		Lee –		
				1558	W7JF	59	59		KEN –		
				1559	N7BLS	59	59		Dixie – 5B4A3		
				1600	WA8FTA/6	59	59		–		
				1602	WA4LOX	57	57				
				1603	WA7EPU	59	59		Dewt		
				1603	W6YKM	59	59				
				1604	KG6PYH	59	59				
				1604	WA7KSF	59	59		Don		
				1605	KG6JA	59	59		Beth		
				1605	K7VYL	59	59		Dixie –		
				1606	K7YAE	59	57		AJ		
					[illegible]T	58	58				
				1607	AJ5T/0	55					
				1607	W7DY	58	58		ID		
				1608	K6HCP	57	57				
				1609	K[illegible]RWT	55	57				
				1609	W6OXF	57	58				

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
10-31	50			1610	KA7BPB	59	59		UT - Jerry		
				1611	W9 DHK/6	57	57		- SF		
				1611	WB6WML	55	59		-		
				1612	W7LEE	56	58		BOB -		
				1613	KG7JKQ	57	58				
				1613	WB7SZM	57	57				
				1613	WB7QBC	56	57		W9.		
				1614	K1VOW/7	55	55				
				1615	WG6XP	59	59		STAN -		
				1616	WB6ITM	59	59		JUSTIN -		
				1616	W7KNT	57	59		John MT		
				1617	WB6YIL	59	59				
				1617	WA6GYD	59+	58		DAN -		
				1618	WB7RBJ	55	55		- OREGON		
				1619	N6ATJ	59	59				
				1620	WA6MUG	55	55		BOB -SF		
				1621	W6JKV	59	5		JIM -		
				1622	WD6GHJ/	59	59		- NV		
				1622	WB6BMI3	59	59		- DIXIE -		
				1623	WB6PTF	59	59		BILL - VISALIA		
				1624	KB6DI	59	59		-		
				1625	KG6JIQ/6	55	55				
				1626	W6ZJI	59	59				
				1628	WA6KQT	59	59		LOREN -		
				1629	WB6HIG	59	59				

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[redacted]

HAGND

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W

GW - 159.8 GME

5835W ?

ICY CCS 133.2.

400

W2

W400

VO2aG

Af= 129.3

WB41XS

126 HH2BR - 131

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH	COMMENTS	QSL S	QSL R
10-31	50.105			1629	W3GOKIC	57				Rene		
				1637	VE6BCC	57	57			Ernie (VP9iX) .SF		
				1639	WA6JYY	57	57					
				1640	VE6CX	56	56			George		
					Ad - .035/029/					T32AB .112		
					1710Z - only VE5 heard					↑TV Log sheets		
					1748 - KB7N, VE5 — CW - 098					TF3SG . 104		
					2315Z - PY2AA - 569					1300Z		
					2320 LOG AREA							
11-01	1345 - BKS - 4's - Europe - TV TU 50.5+									123 - W4WXC/KL7		
	1350 TU 51.25V / W8's BKS - Ohio -									.057 - CW KL7NO		
	WA4WX . 105 / 1400				PA0? - 105 - 1401							
				1411	VO2AG	59	59			DUM -		
					LABRADOR CW - W/					Sunday Am - 0830? -		
				1451 - Ham SOS VK string - Some BIGS 4's -						SV1DH - 113?		
					MUF 450.750					TF3SG - 104?		
				1500 - TV Strong/ wrong dirn - VE4MA -						5B4AZ -		
				1505Z VE5US						1400 - Z -		
				1512	VE5UF	59	59			Dung -		
				1515	KØAA	57	57			KL7 - 1800 - 1830 / 1900 - 1930		
				1516	W7IDZ	57	57			RW / NO / .500		
				1516	N7NW	57	57			Russ / WN .110 -		
				1516	K7KOT	57	57			Hal / WN XMA ~~SHOT~~ 150		
				1517	KBØN	55	57			Steve / WN SUPRA 102		
				1526	KA7BJO	57	57			/ MN RX		

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PR/114 2E3AG.119 253E 114

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH / NAME / QSL VIA	QSL S	QSL R
11-01	1540 - VE5WS			1557 - other work -					TF3SG 110		
				1603	VE5JQ	59	55		John		
				- 1612 - ORWN - 53 -							
				1613	N7BLS	57					
	1654			1616	KI3Q	55	55		M5		
	1655			17	W7FOY	55	58				
				17	K7ICV	55					
				18	W7PRW	55	57				
				18	W7GJS	55	54				
				18	KF7T	57	55		MT.		
				19	WA7GCS	55	55		OR.		
				19	W7FS	55	57				
				20	WA7ECY	55	55				
				- 1635 - N7BLS 55 QSB							
			20 ↓	1634	VE1ASJ				Hrd 7/26 on 2 meters -		
				1638	WA0CSL						
				1641	KB7WW						
11-02 -	1344 Tr			OA4AWD 57.030					256 DN 1055		
				WIC TV Bcns on 50.150 - gone 1415 Tr					VY1AU - 55 1D -		
	1510 →			50.044 2 / 1078		0059	0695		VY1BQ - VY1CC		
				0188					G4FXW - Sheffield		
1404 -	WIC TV Bcns			- 1412 Tr / WIC BCS - 114 WD8 on 3							
	339 PM2AA			- 0034 Tr WIC 044 -							
11-05 -	1322 Tr			- TV SDs on 50.7 MN - V4 strong here							

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	COMMENTS QTH	COMMENTS NAME	COMMENTS QSL VIA	QSL S	QSL R
11-05				1335	PAØRMS	59	539		CW50 band — 28.885				
					WA4 LOX BS - 1342								
					TTY - 075/6 1346 - SDS — down/								
11-06				Tune IN 0035 - WICPY2AB, CX4, CX8BE - ON 2 meters									
11-06 —		1305		TJ - TNSTAFB TO 52/ WICTO 50.7 - STRONGER TO 50.3									
		1332	-	WIGen TO 50.935/ 20/9 Lowend									
		1345	-	TNSTJS Lowend down TO 57 - Some WK CW BFS — MUF TO 50.7A									
11-07 —	SDS down												
					KCBG						HC2FG - HC1MD / HC8		
				1553	KG4O	58	58						
				1555	KB6CO	59	59		Lanny —				
				1556	K7NV	59	59						
				1556	WD6FIP	59	59						
				1557	N6CT	59	59		#805				
				1558	KD6PY	59	59						
				1559	KE6D	59	59						
				1558	KA6AMT	59	59						
				1559	K6PXT	59	59						
				1559	WA6MUG	57	57		Bob		9444L / 110 TO 115		
				1559	WB6HDB	55	55		Bill				
				1559	K6PYH	57	58						
				1600	WB7OHF	55	55		#2916				
				1601	W6EDE	58	55						
				1601	K2KGH/6	55	57						
				1602	WA6BYA	59	59		#147				

PJ9EE-133 VP2VGR 140

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH / COMMENTS / NAME / QSL VIA	QSL S	QSL R
11-08				1434	WØMTK	59	59		BDI – GOW. EL2FY.030		
				1436	KGJYO	57	57		HC2FG on 6		
				1443	WB7TOV	59	59		NARA – A3 (W7KMA) 246		
				1446	KGODV	59	59		#792 K04/1BA		
				1448	W8STX/7	59	59		Walt C5AEH (105?)		
				1450	NGDX	57	57		Darrell Beverly 090		
				145[illegible]	WA7ZMM	59	59		Dove #1868 open. 110		
				1825 – 075 Fm / 6's BIG SW					HH2PR.120 5B 4C4 –		
					400 also –				+1KC 50.501		
				1900 – NGGT WKG 1604, YV5					8P6KX.137(6) HKØ BKX CW –>.100		
11-09				0155 TI – FY7THF 28/9							
				DL Beverly 559/					PJ7GIL – 55. MORTON –		
				1422 – THF TU 579/C –					Hi 2MC.107		
				TV Recording – Ch 2 – 1 60Hz Signal –							
				Multi Path – NO A – V. Raw 55/ Some 20+KC CCI as end –							
				0250 – THF Beverly gone as above Some tone					57.022 NGBFM/ C5AEH		
				as Ch 2 goes –							
				1405 TI – TV Em TU 50.4 – TU 59 low end					C5AEH/G 10/100/400 C5AEH		
11-10 –				0140 TI – BXB/DK32M/YV5 –					HCBVHF		
				0200 TI 2XB 229							
				1700 TI – 6's, 7s – Plus European TV BK Station Gone –							
				087 Beverly Oregon – VESTS/					AL2C, SSN. 104		
				1752 CK – VESTS,							
				2302 – PY2AA 339							

Fu[illegible] 21=1

[illegible] DR

[illegible] DM

[illegible] TAC

[illegible] TAC

[illegible] TAC

[illegible] TAC

[illegible] DR

DR CHRS — MM — DR

DEM CH — 1

[illegible] TAC

STR SEW[illegible] — MDR

F[illegible] BD SUB — [illegible]

BA[illegible] — 2

DATE	FREQ.	MODE	POWER	TIME	STATION WORKED	REPORT SENT	REPORT REC'D	TIME OFF	QTH	NAME	QSL VIA	QSL S	QSL R
11-10	50				PY2AA0SB/9								
				2306	LU3EX -	339	529						
					LU2DZH - 2314 Gtown 048/9								
					2345 - 1555 ON FM7 119								
					all gone 0215 - 010N A-2A Eng								
			122w -		EL2FY / EL2AV - BKS 1, 2								
					TV Ch33 - Europe - TO 55 TO 50.15 a								
				1245 -	1, 2's Gtown BKS - Y2 Brwn Eng/AS								
				1252	WB8IGY	58	56						
				1254	VE2IFO	56	55						
				1255	KA1PE	56	55						
				1255	W1B3CXE	55	44						
				1256	WA1MMD	55	56						
				1257	W8ERD	56	57						
				1258	WA1OUB	56	55						
				1258	WB1FUB	56	55						
				1259	WA3YUN	56	57						
				1259	KV4FZ	55	55						
				1300	K2JFY	55	55						
				1301	K1FWF	54	54						
				1302	K1 LHT	44	54						
				1303	W1EJ	55	55						
				1303	W1GXT	55	53						
				1304	WA1ZUB	54	53						
				1306 -	Eng TV, BKS CBS Game - Hwy 50.003 In Progress -								

P.O. But 313 WL 52776

WA7KAS 3 Rwns #570 WP

WA6GBZ

530-630 EST & PST

T Rmsdn - PaCM - TO N5C - #550

Formula Transl

ARRL DXCC LIST

These rules are effective for 6 different types of DXCC Awards as outlined in Rule 1 below. Changes are announced under DXCC Notes in QST.

1) The DX Century Club Award, with certificate and DXCC lapel pin, is available to ARRL members in Canada, the U.S. and possessions, and Puerto Rico, and all amateurs in the rest of the world. There are 6 separate DXCC awards available:

(a) **Mixed** (general-type): contacts may be made using any mode since November 15, 1945. This DXCC is endorsable; see Rule 5.

(b) **Phone:** contacts must be made using radiotelephone since November 15, 1945. This DXCC is endorsable; see Rule 5.

(c) **CW:** contacts must be made using CW since January 1, 1975. This DXCC is endorsable; see Rule 5.

(d) **RTTY:** contacts must be made using radioteletype since November 15, 1945. This DXCC is *not* endorsable.

(e) **160-Meter:** contacts must be made on 160-meters since November 15, 1945. This DXCC is *not* endorsable.

(f) **Satellite:** contacts made using the satellite since March 1, 1965. This DXCC is only available for contacts made through polar-sun synchronous satellites of altitudes less than 1,500 miles. This DXCC is *not* endorsable.

2) Confirmations must be submitted direct to ARRL Headquarters for all countries claimed. Claims for a total of 100 or more countries must be included with first application.

3) The ARRL Countries List criteria will be used in determining what constitutes a "country".

4) Confirmations must be accompanied by a list of claimed countries and stations to aid in checking and for future reference.

5) With the exception of the 160-Meter, RTTY and Satellite DXCCs, confirmations from additional countries may be submitted for further credits as follows: for accredited totals between 100 and 250, in increments of 25 that will, at least, bring the new total up to the next endorsement sticker level; for accredited totals between 250 and 300, in increments of 10 that will, at least, bring the new total up to the next endorsement sticker level; for total accredited countries over 300, in increments of 5 that will, at least, bring the new total up to the next endorsement sticker level. Endorsement stickers for affixing to certificates will be awarded as additional credits are granted. These stickers will be in exact multiples of 25, i.e. 125, 150, 175, between the 100 and 250 levels and in multiples of 10 between 250 and 300 and in multiples of 5 above the 300 levels.

Exception. Once per year, any DXCC participant having an accredited DXCC total of 250, or more, may make a submission without regard to the number of cards submitted.

6) All contacts must be made with amateur stations working in the authorized amateur bands or with other stations licensed to work amateurs.

7) In cases of countries where amateurs are licensed in the normal manner, credit may be claimed only for stations using regular government-assigned call letters. No credit may be claimed for contacts with stations in any countries in which amateurs have been temporarily closed down by special government edict where amateur licenses were formerly issued in the normal manner.

8) All stations contacted must be "land stations". Contacts with ships, anchored or otherwise, and aircraft, cannot be counted.

9) All stations must be contacted from the same DXCC "country".

10) Contacts may be made over any period of years since November 15, 1945, for the Mixed, Phone, 160-Meter and RTTY DXCCs, January 1, 1975, for the CW DXCC, and from March 1, 1965, for the Satellite DXCC, provided only that all contacts be made under the provisions of Rule 9, and by the same station licensee; contacts may have been under different call letters in the same area (or country), if the licensee for all was the same.

(You may feed one DXCC from several calls held simultaneously.)

11) Any altered or forged confirmations submitted for CC credit may result in disqualification of the applicant. The eligibility of any DXCC applicant who was ever barred from DXCC to reapply, and the conditions for such application, shall be determined by the Awards Committee. Any holder of the Century Club Award submitting forged or altered confirmations must forfeit his right to continued DXCC participation.

12) Operating Ethics:

(a) Fair play and good sportsmanship in operating are required of all DX Century Club members. In the event of specific objections relative to continued poor operating ethics, an individual may be disqualified from the DXCC by action of the ARRL Awards Committee.

(b) Credit for contacts with individuals who have displayed continued poor operating ethics may be disallowed by action of the ARRL Awards Committee.

(c) For (a) and (b) above "operating" includes confirmation procedures.

13) ARRL MEMBERSHIP IS REQUIRED of all DXCC applicants in Canada, the U.S. and possessions, and Puerto Rico. All new DXCC applications must contain sufficient funds for safe return postage in the form of U.S. currency, check or money order. For DXCC endorsements and completions of new applications, sufficient funds for safe return postage are also required. A chart showing suggested sums for return postage is available on request from ARRL Headquarters.

14) ARRL MEMBERSHIP IS NOT REQUIRED of foreign applicants. Each new DXCC application *must* contain sufficient funds for safe return postage. For DXCC endorsements and completions of new applications, sufficient funds for safe return postage are also required. A chart showing suggested sums for return postage is available on request from ARRL Headquarters.

15) Decisions of the ARRL Awards Committee regarding interpretation of the rules here printed or later amended shall be final.

16) Address all applications to ARRL, DXCC, 225 Main Street, Newington, CT, U.S.A. 06111.

Countries List Criteria

The ARRL Countries List is the result of some 38 years of progressive changes in DXing. The full list will not necessarily conform completely with these criteria since some of listings were set up and recognized from pre-WWII. While the general policy has remained the same, specific mileages and additional points have, over the past 13 years, been added to the criteria. The specific mileages in Point 2(a) and Point 3, mentioned in the following, have been used in considerations made in April 1960, and after. The specific mileage in Point 2(b) has been used in considerations made in April, 1963, and after.

Any land area in the world, with the exception of such land that would come under Point 4 and 5, can be placed in one or more of the following categories. Where the area in question meets at least one of the points in the criteria it may be considered eligible as a separate entity, i.e. a country, for our Countries List.

1) *Government:* An area by reason of Government constitutes a separate entity.

2) *Separation by water:* An island or a group of islands, not having its own government is considered as a separate entity under the following conditions:

(a) Islands situated off shore from their governing area must be geographically separated by a minimum of 225 miles of open water. This point is concerned with islands off shore from the mainland *only*. This point *is not* concerned with islands which are part of an island group or are geographically located adjacent to an island group.

(b) Islands forming part of an island group or which are geographically located adjacent to an island, or island group, which have a common government, will be considered as separate entities provided there is at least 500 miles of open water separation between the two areas in question.

3) *Separation by foreign land:* In the case of a country, such as that covered by Point 1, which has a common government but which is geographically separated by land which is foreign to that country, if there is a complete separation of the country in question by a minimum of 75 miles of foreign land, the country is considered as two separate entities. This 75 miles of land is a requirement which is applicable to land areas *only*. In cases of areas made up of a chain of islands, there is no minimum requirements concerned with the separation by foreign land.

4) *Unadministered area:* Any area which is unadministered will not be eligible for consideration as a separate entity.

5) (a) Any area which is classified as a Demilitarized Zone, Neutral Zone or Buffer Zone will not be eligible for consideration as a separate entity.

(b) Embassies, consulates and extra-territorial monuments will not be eligible for consideration as a separate entity from the host country.

Current Countries Total: 318

A2 ..... Botswana
A3 ..... Rep. of Tonga
A4X ..... Oman
A5 ..... Bhutan
A6X ..... United Arab Emirates
A7X ..... Qatar
A9X ..... Bahrain
AA (See K)
AP ..... Pakistan
BV ..... Taiwan
BY ..... China
C2 ..... Rep. of Nauru
C3 ..... Andorra
C5 ..... The Gambia
C6 ..... Bahamas
C9 ..... Mozambique
CE ..... Chile
CE9,FB8Y,KC4,LA,LU-Z,OR4,UA1,UK1, VKØ,VP8,ZL5,ZS1,3Y,4K,8J ..... Antarctica
CE9 (See VP8)
CEØA ..... Easter Is.
CEØX ..... San Felix
CEØZ ..... Juan Fernandez
CM,CO ..... Cuba
CN ..... Morocco
CP ..... Bolivia
CR9 ..... Macao
CT ..... Portugal
CT2 ..... Azores
CT3 ..... Madeira Is.
CX ..... Uruguay
D2,3 ..... Angola
D4 ..... Rep. of Cape Verde
D6[26] ..... Comoros
DA,DF,DJ,DK,DL[2] ..... Fed. Rep. of Germany
DM,DT,Y2-9[3] ..... German Democratic Rep.
DU ..... Rep. of Philippines
EA ..... Spain
EA6 ..... Balearic Is.
EA8 ..... Canary Is.
EA9 ..... Ceuta and Melilla
EI ..... Rep. of Ireland
EL ..... Liberia
EP ..... Iran
ET ..... Ethiopia
F ..... France
FB8W ..... Crozet
FB8X ..... Kerguelen Is.
FB8Y (See CE9)
FB8Z ..... Amsterdam & St. Paul Is.
FC[1] ..... Corsica
FG ..... Guadeloupe
FG,FS[1] ..... Saint Martin
FH[26] ..... Mayotte
FK ..... New Caledonia
FM ..... Martinique
FO ..... Clipperton I.
FO ..... Fr. Polynesia
FP ..... St. Pierre & Miquelon
FR[4] ..... Glorioso Is.
FR[4] ..... Juan de Nova, Europa
FR ..... Reunion
FR ..... Tromelin
.....
FW ..... Wallis & Futuna Is.
FY ..... Fr. Guiana
G ..... England
GD ..... Isle of Man
GI ..... Northern Ireland
GJ,GC ..... Jersey
GM ..... Scotland
GU,GC ..... Guernsey & Dependencies
GW ..... Wales
H4,VR4 ..... Solomon Is.
HA ..... Hungary
HB ..... Switzerland
HBØ ..... Liechtenstein
HC ..... Ecuador
HC8 ..... Galapagos Isls.
HH ..... Haiti
HI ..... Dominican Rep.
HK ..... Colombia
HKØ ..... Bajo Nuevo
HKØ ..... Malpelo I.
HKØ ..... San Andres & Providencia
HKØ (See KS4)
HL,HM ..... Korea
HP ..... Panama
HR ..... Honduras
HS ..... Thailand
HV ..... Vatican
HZ,7Z ..... Saudi Arabia
I, IT ..... Italy
IS ..... Sardinia
J2, FL8 ..... Djibouti
J3, VP2G ..... Grenada & Dependencies
J5,CR3 ..... Guinea-Bissau
J6,VP2L ..... St. Lucia
J7,VP2D ..... Dominica
JA-JN,KA ..... Japan
JD,KA1[6] ..... Minami Torishima
JD,KA1[5] ..... Ogasawara
JT ..... Mongolia
JW ..... Svalbard
JX ..... Jan Mayen
JY ..... Jordan
K, W, N, A ..... United States of America
KB,KH1 ..... Baker, Howland & American Phoenix Is.
KC4 (See CE9)
KC4, KP1 ..... Navassa I.
KC6 ..... Eastern Caroline Is.
KC6 ..... Western Caroline Is.
KG4 ..... Guantanamo Bay
KG6,KH2 ..... Guam
KG6R,S,T,KHØ ..... Mariana Is.
KH6 ..... Hawaiian Is.
KH7 ..... Kure I.
KJ, KH3 ..... Johnston I.
KL7 ..... Alaska
KM,KH4 ..... Midway Is.
KP4 ..... Puerto Rico
KP4[27] ..... Desecheo Is.
KP6,KH5K ..... Kingman Reef
KP6,KH5 ..... Palmyra, Jarvis Is.
KS4,KP3,HKØ ..... Serrana Bank & Roncador Cay
KS6,KH8 ..... American Samoa
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KV,KP2 ..... Virgin Is.
KW,KH9 ..... Wake I.
KX ..... Marshall Is.
LA,LB,LF,LG,LJ ..... Norway
LA (See CE9)
LU ..... Argentina
LU-Z (See CE9, VP8)
LX ..... Luxembourg
LZ ..... Bulgaria
M1[1] (See 9A)
N (See K)
OA ..... Peru
OD ..... Lebanon
OE ..... Austria
OH ..... Finland
OHØ ..... Aland Is.
OJØ ..... Market
OK ..... Czechoslovakia
ON ..... Belgium
OR4 (See CE9)
OX,XP ..... Greenland
OY ..... Faroe Is.
OZ ..... Denmark
P2[7] ..... Papua New Guinea
PA,PD,PE,PI ..... Netherlands
PJ ..... Neth. Antilles
PJ ..... St. Maarten, Saba, St. Eustatius
PY ..... Brazil
PYØ ..... Fernando de Noronha
PYØ ..... St. Peter & St. Paul's Rocks
PYØ ..... Trindade & Martin Vaz Is.
PZ ..... Surinam
S2 ..... Bangladesh
S7 ..... Seychelles
S9,CR5 ..... Sao Tome & Principe
SK,SL,SM ..... Sweden
SP ..... Poland
ST ..... Sudan
STØ ..... Southern Sudan
SU ..... Egypt
SV ..... Greece
SV ..... Crete
SV ..... Dodecanese
SV ..... Mount Athos
T2,VR8[16] ..... Tuvalu
T3,VR1 ..... Cent. Kiribati (Brit. Phoenix Is.)
T3,VR1 ..... West Kiribati (Gilbert & Ocean Is.)
T3,VR3 ..... East Kiribati (Line Is.)
TA ..... Turkey
TF ..... Iceland
TG ..... Guatemala
TI ..... Costa Rica
TI9 ..... Cocos I.
TJ ..... Cameroon
TL[8] ..... Central African Rep.
TN[9] ..... Congo
TR[10] ..... Gabon
TT[11] ..... Chad
TU[12] ..... Ivory Coast
TY[13] ..... Benin
TZ[14] ..... Mali
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1. Unofficial prefix.
2. (DA, DJ, DK, DL) Only contacts made September 17, 1973, and after, will count for this country.
3. (DM, DT, Y2-9) Only contacts made September 17, 1973, and after, will count for this country.
4. (FR7) Only contacts made June 25, 1960, and after, will count for this country.
5. (JD, KA1) Formerly Bonin and Volcano Islands.
6. (JD, KA1) Formerly Marcus Island.
7. (P2) Only contacts made September 16, 1975, and after, will count for this country.
8. (TL) Only contacts made August 13, 1960, and after, will count for this country.

UA; UK1,3,4,6; UV; UW1-6; UN1 ..... European Russian S.F.S.R.
UA1,UK1 ..... Franz Josef Land
UA1,UK1 (See CE9)
UA2,UK2F ..... Kaliningradsk
UA,UK,UV,UW9-Ø ..... Asiatic R.S.F.S.R.
UB,UK,UT,UY5 ..... Ukraine
UC2,UK2A/C/I/L/O/S/W ..... White R.S.S.R.
UD6,UK6C/D/K ..... Azerbaijan
UF6,UK6F/O/Q/V ..... Georgia
UG6,UK6G ..... Armenia
UH8,UK8H ..... Turkoman
UI8,UK8 ..... Uzbek
UJ8,UK8J/R ..... Tadzhik
UL7,UK7 ..... Kazakh
UM8,UK8M,N ..... Kirghiz
UO5,UK5O ..... Moldavia
UP2,UK2B/P ..... Lithuania
UQ2,UK2G/Q ..... Latvia
UR2,UK2R/T ..... Estonia
VE,VO,VY1 ..... Canada
VE1 ..... Sable I.
VE1 ..... St. Paul I.
VK ..... Australia
VK ..... Lord Howe I.
VK9 ..... Willis I.
VK9 ..... Christmas I.
VK9 ..... Cocos-Keeling Is.
VK9 ..... Mellish Reef
VK9 ..... Norfolk I.
VKØ (See CE9)
VKØ ..... Heard I.
VKØ ..... Macquarie I.
VO (See VE)
VP1 ..... Belize
VP2A[15] ..... Antigua, Barbuda
VP2E[15] ..... Anguilla
VP2K[15] ..... St. Kitts, Nevis
VP2M[15] ..... Montserrat
VP2S[15] ..... St. Vincent & Dependencies
VP2V[15] ..... Brit. Virgin Is.
VP5 ..... Turks & Caicos Is.
VP8 (See CE9)
VP8 ..... Falkland Is.
VP8,LU-Z ..... So. Georgia Is.
VP8,LU-Z ..... So. Orkney Is.
VP8,LU-Z ..... So. Sandwich Is.
VP8,LU-Z,CE9,HFØ,4K ..... So. Shetland Is.
VP9 ..... Bermuda
VQ9 ..... Chagos
VR6 ..... Pitcairn I.
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9. (TN) Only contacts made August 15, 1960, and after, will count for this country.

10. (TR) Only contacts made August 17, 1960, and after, will count for this country.

11. (TT) Only contacts made August 11, 1960, and after, will count for this country.

12. (TU) Only contacts made August 7, 1960, and after, will count for this country.

13. (TY) Only contacts made August 1, 1960, and after, will count for this country.

14. (TZ) Only contacts made June 20, 1960, and after, will count for this country.

VS5 ..... Brunei
VS6 ..... Hong Kong
VS9 (See 8Q)
VS9K ..... Kamaran I.
VU ..... India
VU7 ..... Andaman & Nicobar Is.
VU7 ..... Laccadive Is.
W (See K)
XE ..... Mexico
XF4 ..... Revilla Gigedo
XP (See OX)
XT[17] ..... Upper Volta
XU ..... Khmer Rep.
XV ..... Vietnam
XW ..... Lao People's Dem. Rep.
XZ ..... Burma
YA ..... Afghanistan
YB,YC[21] ..... Indonesia
YI ..... Iraq
YJ ..... New Hebrides
YK ..... Syria
YN,HT ..... Nicaragua
YO ..... Rumania
YS ..... Salvador
YU ..... Yugoslavia
YV ..... Venezuela
YVØ ..... Aves I.
ZA ..... Albania
ZB ..... Gibraltar
ZC (See 5B)
ZD7 ..... St. Helena
ZD8 ..... Ascension I.
ZD9 ..... Tristan da Cunha & Gough I.
ZE ..... Zimbabwe
ZF ..... Cayman Is.
ZK1 ..... So. Cook Is.
ZK1 ..... No. Cook Is.
ZK2 ..... Niue
ZL ..... New Zealand
ZL ..... Auckland I. & Campbell I.
ZL ..... Chatham Is.
ZL ..... Kermadec Is.
ZL5 (See CE9)
ZM7 ..... Tokelaus
ZP ..... Paraguay
ZS1,2,4,5,6,(H5,S8,T4[1]) ..... Rep. of South Africa
ZS1 (See CE9)
ZS2 ..... Prince Edward & Marion Is.
ZS3 ..... (Namibia) Southwest Africa
1S[1] ..... Spratly Is.
3A ..... Monaco
3B6,7 ..... Agalega & St. Brandon
3B8 ..... Mauritius
3B9 ..... Rodrigues Is.
3C ..... Equatorial Guinea
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15. (VP2) For credits on QSO's made before June 1, 1958, see page 97, June 1958 QST.

16. (T2,VR8) Only contacts made January 1, 1976, and after, will count for this country.

17. (XT) Only contacts made August 6, 1960, and after, will count for this country.

18. (5T) Only contacts made June 20, 1960, and after, will count for this country.

19. (5U) Only contacts made August 3, 1960, and after, will count for this country.

3CØ ..... Annobon
3D2 ..... Fiji Is.
3D6 ..... Swaziland
3V ..... Tunisia
3X ..... Rep. of Guinea
3Y ..... Bouvet
3Y (See CE9)
4K (See CE9)
4S ..... Sri Lanka
4U ..... I.T.U. Geneva
4U ..... Hq., United Nations
4W ..... Yemen
4X,4Z ..... Israel
5A ..... Libya
5B,ZC ..... Cyprus
5H ..... Tanzania
5N ..... Nigeria
5R ..... Malagasy Rep.
5T[18] ..... Mauritania
5U[19] ..... Niger
5V ..... Togo
5W ..... Western Samoa
5X ..... Uganda
5Z ..... Kenya
6O ..... Somali
6W[20] ..... Senegal
6Y ..... Jamaica
7O ..... People's Dem. Rep. of Yemen
7P ..... Lesotho
7Q ..... Malawi
7X ..... Algeria
7Z (See HZ)
8J (See CE9)
8P ..... Barbados
8Q,VS9 ..... Maldive Is.
8R ..... Guyana
8Z4 ..... Saudi Arabia/Iraq Neutral Zone
9A,(M1[1]) ..... San Marino
9G[22] ..... Ghana
9H ..... Malta
9J ..... Zambia
9K ..... Kuwait
9L ..... Sierra Leone
9M2[23] ..... West Malaysia
9M6,8[23] ..... East Malaysia
9N ..... Nepal
9Q ..... Rep. of Zaire
9U[24] ..... Burundi
9V[25] ..... Singapore
9X[24] ..... Rwanda
9Y ..... Trinidad & Tobago
..... Abu Ail, Jabal at Tair
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20. (6W) Only contacts made June 20, 1960, and after, will count for this country.

21. (8F, YB) Only contacts made May 1, 1963, and after, will count for this country.

22. (9G1) Only contacts made March 5, 1957, and after, will count for this country.

23. (9M2, 4, 6, 8) Only contacts made September 16, 1963, and after, will count for these countries.

24. (9U5, 9X5) Only contacts made July 1, 1962, and after, will count for these countries.

25. (9V1) Contacts made between September 15, 1963 and August 9, 1965, will not count for this country.

26. (D6, FH8) Only contacts made after July 5, 1975, count for this country.

27. (KP4) Only contacts made March 1, 1979, and after, will count for this country.

DELETED COUNTRIES

Credit for any of these countries can be given if the date of contact with the country in question agrees with the date(s) shown in the corresponding footnote.

(AC3[1])[2] ..... Sikkim
(AC4[1])[3] ..... Tibet
C9[4] ..... Manchuria
CN2[5] ..... Tangier
CR8[6] ..... Damao, Diu
CR8[6] ..... Goa
CR8[34] ..... Port. Timor
DA,DJ,DK,DL,DM[7] ..... Germany
EA9[8] ..... Ifni
EA9[38] ..... Rio de Oro
ET2[9] ..... Eritrea
FF8[10] ..... Fr. West Africa
FH[35] ..... Comoros
FI8[11] ..... Fr. Indo-China
FN[12] ..... French India
FQ8[13] ..... Fr. Equatorial Africa
I1[14] ..... Trieste
I5[15] ..... Italian Somaliland
JD/7J[40] ..... Okino Tori-shima
JZØ[16] ..... Netherlands New Guinea
KR6,8,JR6,KA6,[17] ..... Ryukyu Islands
KS4[18] ..... Swan Islands
KZ[39] ..... Canal Zone
P2,VK9[19] ..... Papua Territory
P2,VK9[19] ..... Terr. New Guinea
PK1,2,3[20] ..... Java
PK4[20] ..... Sumatra
PK5[20] ..... Netherlands Borneo
PK6[20] ..... Celebe & Molucca Isls.
UN1[21] ..... Karelo-Finnish Rep.
VO[22] ..... Newfoundland, Labrador
VQ1,5H1[23] ..... Zanzibar
VQ6[24] ..... British Somaliland
VQ9[36] ..... Aldabra
VQ9[36] ..... Desroches
VQ9[36] ..... Farquhar
VS4[25] ..... Sarawak
VS9H[26] ..... Kuria Muria Isls.
ZC5[25] ..... British North Borneo
ZC6[27] ..... Palestine
ZD4[28] ..... Gold Coast, Togoland
(1M[1])[29] ..... Minerva Reefs
9K3,8Z5[30]
..... Kuwait/Saudi Arabia Neutral Zone
9M2[25] ..... Malaya
9S4[31] ..... Saar
9U5[32] ..... Ruanda-Urundi
[33] ..... Blenheim Reef
[37] ..... Geyser Reef

1. Unofficial prefix.
2. (AC3) Only contacts made before May 1, 1975, will count for this country. Contacts made May 1, 1975, and after, count as India.
3. (AC4) Only contacts made before June 1, 1974, will count for this country.
4. (C9) Only contacts made before September 16, 1963, will count for this country.
5. (CN2) Only contacts made before July 1, 1960, will count for this country.
6. (CR8) Only contacts made before January 1, 1962, will count for this country.
7. (DA, DJ, DK, DL, DM) Only contacts made before September 17, 1973, will count for this country.
8. (EA9) Only contacts made May 13, 1969, and before, count for this country.
9. (ET2) Only contacts made November 14, 1962, and before, will count for this country.
10. (FF8) Only contacts made August 6, 1960, and before, will count for this country.
11. (FI8) Only contacts made before December 21, 1950, will count for this country.
12. (FN) Only contacts made before November 1, 1954, will count for this country.
13. (FQ8) Only contacts made August 16, 1960, and before, will count for this country.
14. (I1) Only contacts made before April 1, 1957, will count for this country. Contacts made April 1, 1957, and after, count as Italy.
15. (I5) Only contacts made June 30, 1960, and before, will count for this country.
16. (JZØ) Only contacts made before May 1, 1963, will count for this country.
17. (KR6, JR6, KA6) Only contacts made before May 15, 1972, will count for this country. Contacts made May 15, 1972, and after, count as Japan.
18. (KS4) Only contacts made before September 1, 1972, will count for this country. Contacts made September 1, 1972, and after, count as Honduras.
19. (P2, VK9) Only contacts made before September 16, 1975, will count for this country.
20. (PK1, 2, 3, 4, 5, 6) Only contacts made before May 1, 1963, will count for this country.
21. (UN1) Only contacts made June 30, 1960, and before, will count for this country. Contacts made July 1, 1960, and after, count as European Russian S.F.S.R.
22. (VO) Only contacts made before April 1, 1949, will count for this country.
23. (VQ1, 5H1) Only contacts made before June 1, 1974, will count for this country.
24. (VQ6) Only contacts made June 30, 1960, and before, will count for this country.
25. (VS4, ZC5, 9M2) Only contacts made September 15, 1963, and before, will count for this country.
26. (VS9H) Only contacts made before November 30, 1967, will count for this country. Contacts made December 1, 1967, and after, count as Oman.
27. (ZC6) Only contacts made July 1, 1968, and before, will count for this country.
28. (ZD4) Only contacts made March 5, 1957, and before, will count for this country.
29. (1M) Only contacts made July 15, 1972, and before, will count for this country. Contacts made July 16, 1972, and after, count as Tonga.
30. (9K3, 8Z5) Only contacts made before December 15, 1969, will count for this country.
31. (9S4) Only contacts made before April 1, 1957, and after, count as Germany.
32. (9U5) Only contacts made between July 1, 1960, and July 1, 1962, will count for this country.
33. (Blenheim Reef) Only contacts made between May 4, 1967, and July 1, 1975, will count for this country. Contacts made July 1, 1975, and after, count as Chagos.
34. (CR8) Only contacts made before September 15, 1976, will count for this country.
35. (FH) Only contacts made before July 6, 1975, count toward this country.
36. (VQ9) Only contacts made before June 29, 1976, count for these countries.
37. (Geyser Reef) Only contacts made between May 4, 1967 and March 1, 1978, will count for this country.
38. (EA9) Only contacts made before January 8, 1976 will count for this country.
39. (KZ) Only contacts made before October 1, 1979 will count for this country.
40. (JD/7J) Only contacts made between May 30, 1976 and November 30, 1980, will count for this country. Contacts made December 1, 1980, and after, count as Ogasawara.

PREFIX CROSS REFERENCES

AC[1] (See A5)
AP (See S2-3)
AX (See VK)
CN9 (See CN2, 8)
CR4 (See D4)
CR5 (See S9)
CR5 (See CR3)
CR6 (See D2, 3)
CR7 (See C9)
CR1Ø (See CR8)
DX (See DU)
EAØ (See 3C)
FA (See 7X)
FB8 (See FH8)
FB8 (See FR7)
FB8 (See 5R8)
FD (See 5V)
FE8 (TI)
FF4 (See TU)
FF7 (See 5T)
FF8 (See TY)
FF8 (See TZ)
FF8 (See XT)
FF8 (See 5U7)
FF8 (See 6W8)
FL8 (See TL)
FQ8 (See TN)
FQ8 (See TR)
FQ8 (See TT)
FQ8 (See TT)
FU8 (See YJ)
HE (See HBØ)
HG (See HA)
HT (See YN)
IM (See IS)
JR6 (See KR6, 8)
KA6 (See KR6, 8)
KG6I (See JD, KA1)
LA/G (See CE9,3Y)
LA/P (See JX, JW)
MP4B (See A9)
MP4D (See A6)
MP4M (See A4)
MP4Q (See A7)
MP4T (See A6)
OF (See OH)
OQ5,Ø (See 9Q5)
PK (See YB)
PX[1] (See C3)
VK9 (See C2)
VK9AA-MZ (See P2)
VP2G (See J3)
VP2K (See VP2E)
VP3 (See 8R)
VP4 (See 9Y4)
VP5 (See ZF1)
VP5 (See 6Y5)
VP6 (See 8P)
VP7 (See C6)
VQ1 (See 5H1)
VQ2 (See 9J2)
VQ3 (See 5H3)
VQ4 (See 5Z4)
VQ5 (See 5X5)
VQ8 (See 3B6,7,8,9)
VQ9 (See S7)
VR2 (See 3D2)
VR4 (See H4)
VR5 (See A3)
VS1 (See 9M2)
VS1 (See 9V1)
VS2 (See 9M2)
VS9 (See 7O)
VS9O (See A4)
VX9 (See VE1)
VYØ (See VE1)
XF (See XE)
YNØ (See YN)
YT (See YU)
YZ (See YU)
ZB1 (See 9H1)
ZD1 (See 9L1)
ZD2 (See 5N2)
ZD3 (See C5)
ZD4 (See 9G1)
ZD5 (See 3D6)
ZD6 (See 7Q7)
ZM6 (See 5W1)
ZS7 (See 3D6)
ZS8 (See 7P8)
ZS9 (See A2)
3W8 (See XV5)
3Z (See SP)
4A (See XE)
4M (See YV)
6D (See XE)
6D4 (See XF4)
7G (See 3X)
7J (See JD1)
8F (See YB)
8Z5 (See 9K3)
9E, 9F (See ET3)
9M4 (See 9V1)

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Table of Allocation of International Call Signs[1]

Call Sign Series	*Allocated to*
AAA-ALZ	United States of America
AMA-AOZ	Spain
APA-ASZ	Pakistan (Islamic Republic of)
ATA-AWZ	India (Republic of)
AXA-AXZ	Australia
AYA-AZZ	Argentine Republic
A22AAA-A22ZZZ	Botswana (Republic of)
A3A-A3Z	Tonga (Kingdom of)
A4A-A4Z	Oman (Sultanate of)
A5A-A5Z	Bhutan (Kingdom of)
A6A-A6Z	United Arab Emirates
A7A-A7Z	Qatar (State of)
A8A-A8Z	Liberia (Republic of)
A9A-A9Z	Bahrain (State of)
BAA-BZZ	China (People's Republic of)
CAA-CEZ	Chile
CFA-CKZ	Canada
CLA-CMZ	Cuba
CNA-CNZ	Morocco (Kingdom of)
COA-COZ	Cuba
CPA-CPZ	Bolivia (Republic of)
CQA-CUZ	Portugal
CVA-CXZ	Uruguay (Oriental Republic of)
CYA-CZZ	Canada
C2A-C2Z	Nauru (Republic of)
C3A-C3Z	Andorra (Principality of)
C4A-C4Z	Cyprus (Republic of)
C5A-C5Z	Gambia (Republic of the)
C62AA-C69ZZ	Bahamas (Commonwealth of the)
C7A-C7Z*	World Meteorological Organization
C8A-C9Z	Mozambique (People's Republic of)
DAA-DRZ	Germany (Federal Republic of)
DSA-DTZ	Republic of Korea
DUA-DZZ	Philippines (Republic of the)
D2A-D3Z	Angola (People's Republic of)
D4A-D4Z	Cape Verde (Republic of)
D5A-D5Z	Liberia (Republic of)
D6A-D6Z	Comoros (Federal and Islamic Republic of the)
D7A-D9Z	Republic of Korea
EAA-EHZ	Spain
EIA-EJZ	Ireland
EKA-EKZ	Union of Soviet Socialist Republics
ELA-ELZ	Liberia (Republic of)
EMA-EOZ	Union of Soviet Socialist Republics
EPA-EQZ	Iran (Islamic Republic of)
ERA-ESZ	Union of Soviet Socialist Republics
ETA-ETZ	Ethiopia
EUA-EWZ	Byelorussian Soviet Socialist Republic
EXA-EZZ	Union of Soviet Socialist Republics
FAA-FZZ	France
GAA-GZZ	United Kingdom of Great Britain and Northern Ireland
HAA-HAZ	Hungarian People's Republic
HBA-HBZ	Switzerland (Confederation of)
HCA-HDZ	Ecuador
HEA-HEZ	Switzerland (Confederation of)
HFA-HFZ	Poland (People's Republic of)
HGA-HGZ	Hungarian People's Republic
HHA-HHZ	Haiti (Republic of)
HIA-HIZ	Dominican Republic
HJA-HKZ	Colombia (Republic of)
HLA-HLZ	Republic of Korea[2]
HMA-HMZ	Democratic People's Republic of Korea[2]
HNA-HNZ	Iraq (Republic of)
HOA-HPZ	Panama (Republic of)
HQA-HRZ	Honduras (Republic of)
HSA-HSZ	Thailand
HTA-HTZ	Nicaragua
HUA-HUZ	El Salvador (Republic of)
HVA-HVZ	Vatican City State
HWA-HYZ	France
HZA-HZZ	Saudi Arabia (Kingdom of)
H2A-H2Z	Cyprus (Republic of)
H3A-H3Z	Panama (Republic of)
H4A-H4Z	Solomon Islands
H6A-H7Z	Nicaragua
H8A-H9Z	Panama (Republic of)
IAA-IZZ	Italy
JAA-JSZ	Japan
JTA-JVZ	Mongolian People's Republic
JWA-JXZ	Norway
JYA-JYZ	Jordan (Hashemite Kingdom of)
JZA-JZZ	Indonesia (Republic of)
J2A-J2Z	Djibouti (Republic of)
J3A-J3Z	Grenada
J4A-J4Z	Greece
J5A-J5Z	Guinea-Bissau (Republic of)
J6A-J6Z	Saint Lucia
J7A-J7Z	Dominica
KAA-KZZ	United States of America
LAA-LNZ	Norway
LOA-LWZ	Argentine Republic
LXA-LXZ	Luxembourg
LYA-LYZ	Union of Soviet Socialist Republics
LZA-LZZ	Bulgaria (People's Republic of)
L2A-L9Z	Argentine (Republic of)
MAA-MZZ	United Kingdom of Great Britain and Northern Ireland
NAA-NZZ	United States of America
OAA-OCZ	Peru
ODA-ODZ	Lebanon
OEA-OEZ	Austria
OFA-OJZ	Finland
OKA-OMZ	Czechoslovak Socialist Republic
ONA-OTZ	Belgium
OUA-OZZ	Denmark
PAA-PIZ	Netherlands (Kingdom of the)
PJA-PJZ	Netherlands Antilles
PKA-POZ	Indonesia (Republic of)
PPA-PYZ	Brazil (Federative Republic of)
PZA-PZZ	Suriname (Republic of)
P2A-P2Z	Papua New Guinea
P3A-P3Z	Cyprus (Republic of)
P4A-P4Z	Netherlands Antilles
P5A-P9Z	Democratic People's Republic of Korea
QAA-QZZ	(Service abbreviations)
RAA-RZZ	Union of Soviet Socialist Republics
SAA-SMZ	Sweden
SNA-SRZ	Poland (People's Republic of)
SSA-SSM	Egypt (Arab Republic of)
SSN-STZ	Sudan (Democratic Republic of the)
SUA-SUZ	Egypt (Arab Republic of)
SVA-SZZ	Greece
S2A-S3Z	Bangladesh (People's Republic of)
S6A-S6Z	Singapore (Republic of)
S7A-S7Z	Seychelles (Republic of)
S92AA-S92ZZ	Sao Tome and Principe (Democratic Republic of)
TAA-TCZ	Turkey
TDA-TDZ	Guatemala (Republic of)
TEA-TEZ	Costa Rica
TFA-TFZ	Iceland
TGA-TGZ	Guatemala (Republic of)
THA-THZ	France
TIA-TIZ	Costa Rica
TJA-TJZ	Cameroon (United Republic of)
TKA-TKZ	France
TLA-TLZ	Central African Republic
TMA-TMZ	France
TNA-TNZ	Congo (People's Republic of the)
TOA-TQZ	France
TRA-TRZ	Gabon Republic
TSA-TSZ	Tunisia
TTA-TTZ	Chad (Republic of the)
TUA-TUZ	Ivory Coast (Republic of the)
TVA-TXZ	France
TYA-TYZ	Benin (People's Republic of)
TZA-TZZ	Mali (Republic of)
T2A-T2Z	Tuvalu
T3A-T3Z	Kiribati Republic
T4A-T4Z	Cuba
T5A-T5Z	Somali Democratic Republic
T6A-T6Z	Afghanistan (Democratic Republic of)
UAA-UQZ	Union of Soviet Socialist Republics
URA-UTZ	Ukrainian Soviet Socialist Republic
UUA-UZZ	Union of Soviet Socialist Republics
VAA-VGZ	Canada
VHA-VNZ	Australia
VOA-VOZ	Canada
VPA-VSZ	United Kingdom of Great Britain and Northern Ireland
VTA-VWZ	India (Republic of)
VXA-VYZ	Canada
VZA-VZZ	Australia
WAA-WZZ	United States of America
XAA-XIZ	Mexico
XJA-XOZ	Canada
XPA-XPZ	Denmark
XQA-XRZ	Chile
XSA-XSZ	China (People's Republic of)
XTA-XTZ	Upper Volta (Republic of)
XUA-XUZ	Democratic Kampuchea
XVA-XVZ	Viet Nam (Socialist Republic of)

(Continued)

XWA-XWZ	Lao People's Democratic Republic
XXA-XXZ	Portugal
XYA-XZZ	Burma (Socialist Republic of the Union of)
YAA-YAZ	Afghanistan (Democratic Republic of)
YBA-YHZ	Indonesia (Republic of)
YIA-YIZ	Iraq (Republic of)
YJA-YJZ	New Hebrides
YKA-YKZ	Syrian Arab Republic
YLA-YLZ	Union of Soviet Socialist Republics
YMA-YMZ	Turkey
YNA-YNZ	Nicaragua
YOA-YRZ	Romania (Socialist Republic of)
YSA-YSZ	El Salvador (Republic of)
YTA-YUZ	Yugoslavia (Socialist Federal Republic of)
YVA-YYZ	Venezuela (Republic of)
YZA-YZZ	Yugoslavia (Socialist Federal Republic of)
Y2A-Y9Z	German Democratic Republic
ZAA-ZAZ	Albania (Socialist People's Republic of)
ZBA-ZJZ	United Kingdom of Great Britain and Northern Ireland
ZKA-ZMZ	New Zealand
ZNA-ZOZ	United Kingdom of Great Britain and Northern Ireland
ZPA-ZPZ	Paraguay (Republic of)
ZQA-ZQZ	United Kingdom of Great Britain and Northern Ireland
ZRA-ZUZ	South Africa (Republic of)
ZVA-ZZZ	Brazil (Federative Republic of)
2AA-2ZZ	United Kingdom of Great Britain and Northern Ireland
3AA-3AZ	Monaco
3BA-3BZ	Mauritius
3CA-3CZ	Equatorial Guinea (Republic of)
3DA-3DM	Swaziland (Kingdom of)
3DN-3DZ	Fiji
3EA-3FZ	Panama (Republic of)
3GA-3GZ	Chile
3HA-3UZ	China (People's Republic of)
3VA-3VZ	Tunisia
3WA-3WZ	Viet Nam (Socialist Republic of)
3XA-3XZ	Guinea (People's Revolutionary Republic of)
3YA-3YZ	Norway
3ZA-3ZZ	Poland (People's Republic of)
4AA-4CA	Mexico
4DA-4IZ	Philippines (Republic of the)
4JA-4LZ	Union of Soviet Socialist Republics
4MA-4MZ	Venezuela (Republic of)
4NA-4OZ	Yugoslavia (Socialist Federal Republic of)
4PA-4SZ	Sri Lanka (Democratic Socialist Republic of)
4TA-4TZ	Peru
4UA-4UZ*	United Nations Organization
4VA-4VZ	Haiti (Republic of)
4WA-4WZ	Yemen Arab Republic
4XA-4XZ	Israel (State of)
4YA-4YZ*	International Civil Aviation Organization
4ZA-4ZZ	Israel (State of)
5AA-5AZ	Libya (Socialist People's Libyan Arab Jamahiriya)
5BA-5BZ	Cyprus (Republic of)
5CA-5GZ	Morocco (Kingdom of)
5HA-5IZ	Tanzania (United Republic of)
5JA-5KZ	Colombia (Republic of)
5LA-5MZ	Liberia (Republic of)
5NA-5OZ	Nigeria (Federal Republic of)
5PA-5QZ	Denmark
5RA-5SZ	Madagascar (Democratic Republic of)
5TA-5TZ	Mauritania (Islamic Republic of)
5UA-5UZ	Niger (Republic of the)
5VA-5VZ	Togolese Republic
5WA-5WZ	Western Samoa
5XA-5XZ	Uganda (Republic of)
5YA-5ZZ	Kenya (Republic of)
6AA-6BZ	Egypt (Arab Republic of)
6CA-6CZ	Syrian Arab Republic
6DA-6JZ	Mexico
6KA-6NZ	Republic of Korea
6OA-6OZ	Somali Democratic Republic
6PA-6SZ	Pakistan (Islamic Republic of)
6TA-6UZ	Sudan (Democratic Republic of the)
6VA-6WZ	Senegal (Republic of the)
6XA-6XZ	Madagascar (Democratic Republic of)
6YA-6YZ	Jamaica
6ZA-6ZZ	Liberia (Republic of)
7AA-7IZ	Indonesia (Republic of)
7JA-JNZ	Japan
7OA-7OZ	Yemen (People's Democratic Republic of)
7PA-7PZ	Lesotho (Kingdom of)
7QA-7QZ	Malawi (Republic of)
7RA-7RZ	Algeria (Algerian Democratic and Popular Republic)
7SA-7SZ	Sweden
7TA-7YZ	Algeria (Algerian Democratic and Popular Republic)
7ZA-7ZZ	Saudi Arabia (Kingdom of)
8AA-8IZ	Indonesia (Republic of)
8JA-8NZ	Japan
8OA-8OZ	Botswana (Republic of)
8PA-8PZ	Barbados
8QA-8QZ	Maldives (Republic of)
8RA-8RZ	Guyana
8SA-8SZ	Sweden
8TA-8YZ	India (Republic of)
8ZA-8ZZ	Saudi Arabia (Kingdom of)
9AA-9AZ	San Marino (Republic of)
9BA-9DZ	Iran (Islamic Republic of)
9EA-9FZ	Ethiopia
9GA-9GZ	Ghana
9HA-9HZ	Malta (Republic of)
9IA-9JZ	Zambia (Republic of)
9KA-9KZ	Kuwait (State of)
9LA-9LZ	Sierra Leone
9MA-9MZ	Malaysia
9NA-9NZ	Nepal
9OA-9TZ	Zaire (Republic of)
9UA-9UZ	Burundi (Republic of)
9VA-9VZ	Singapore (Republic of)
9WA-9WZ	Malaysia
9XA-9XZ	Rwanda (Republic of)
9YA-9ZZ	Trinidad and Tobago

1) The series of call signs with as asterisk indicate the international organization to which they are allocated.

2) The two administrations concerned undertake to change their existing use of HLA-HLZ and HMA-HMZ Call Sign series to conform with the 1979 Table of Allocations as soon as practicable, in order to clarify their operational arrangements for other administrations. In this regard, the Administration of the Republic of Korea will take action to change the existing call signs registered with the ITU in the HMA-HMZ series as changes occur in the use of call signs in this series. The above-mentioned actions shall, in any case, be completed by 1 January 1984.

ARRL RECOMMENDED PRECEDENCES

Please observe the following ARRL provisions for PRECEDENCES in connection with written message traffic. These provisons are designed to increase the efficiency of our service both in normal times and in emergency.

Precedences

EMERGENCY Any message having life and death urgency to any person or group of persons, which is transmitted by Amateur Radio in the absence of regular commercial facilities. This includes official messages of welfare agencies during emergencies requesting supplies, materials or instructions vital to relief of stricken populace in emergency areas. During normal times, it will be **very rare**. On CW/RTTY, this designation will **always** be spelled out. When in doubt, do not use it.

PRIORITY Use abbreviation *P* on CW/RTTY. This classification is for a) important messages having a specific time limit b) official messages not covered in the emergency category c) press dispatches and emergency-related traffic not of the **utmost** urgency d) notice of death or injury in a disaster area, personal or official.

WELFARE This classification, abbreviated as *W* on CW/RTTY, refers to either an inquiry as to the health and welfare of an individual in the disaster area or an advisory from the disaster area that indicates all is well. Welfare traffic is handled only after all emergency and priority traffic is cleared. The Red Cross equivalent to an incoming Welfare message is DWI (Disaster Welfare Inquiry).

ROUTINE Most traffic in normal times will bear this designation. In disaster situations, traffic labeled Routine (*R* on CW/RTTY) should be handled last, or not at all when circuits are busy with higher precedence traffic.

NOTE: The precedence always follows the message number. For an example, a message number may be 207 *R* on CW and "Two Zero Seven Routine" on phone.

ARRL NUMBERED RADIOGRAMS

The letters ARL are inserted in the preamble in the check and in the text before spelled out numbers, which represent texts from this list. Note that some ARL texts include insertion of numerals. *Example:* NR 1 R W1AW ARL 5 NEWINGTON CONN JUNE 1 DONALD R SMITH $\overline{AA}$ 164 EAST SIXTH AVE $\overline{AA}$ NORTH RIVER CITY MO $\overline{AA}$ PHONE 733 3968 $\overline{BT}$ ARL FIFTY ARL SIXTY ONE $\overline{BT}$ DIANA $\overline{AR}$. For additional information about traffic handling, consult *Operating an Amateur Radio Station*, published by ARRL.

Group One -- -- For Possible "Relief Emergency" Use

ONE	Everyone safe here. Please don't worry.
TWO	Coming home as soon as possible.
THREE	Am in _____ hospital. Receiving excellent care and recovering fine.
FOUR	Only slight property damage here. Do not be concerned about disaster reports.
FIVE	Am moving to new location. Send no further mail or communication. Will inform you of new address when relocated.
SIX	Will contact you as soon as possible.
SEVEN	Please reply by Amateur Radio through the amateur delivering this message. This is a free public service.
EIGHT	Need additional _____ mobile or portable equipment for immediate emergency use.
NINE	Additional _____ radio operators needed to assist with emergency at this location.
TEN	Please contact _____ . Advise to standby and provide further emergency information, instructions or assistance.
ELEVEN	Establish Amateur Radio emergency communications with _____ on _____ MHz.
TWELVE	Anxious to hear from you. No word in some time. Please contact me as soon as possible.
THIRTEEN	Medical emergency situation exists here.
FOURTEEN	Situation here becoming critical. Losses and damage from _____ increasing.
FIFTEEN	Please advise your condition and what help is needed.
SIXTEEN	Property damage very severe in this area.
SEVENTEEN	REACT communications services also available. Establish REACT communications with _____ on channel _____ .
EIGHTEEN	Please contact me as soon as possible at _____ .
NINETEEN	Request health and welfare report on _____ . (State name, address and telephone number.)
TWENTY	Temporarily stranded. Will need some assistance. Please contact me at _____ .
TWENTY ONE	Search and Rescue assistance is needed by local authorities here. Advise availability.
TWENTY TWO	Need accurate information on the extent and type of conditions now existing at your location. Please furnish this information and reply without delay.
TWENTY THREE	Report at once the accessibility and best way to reach your location.
TWENTY FOUR	Evacuation of residents from this area urgently needed. Advise plans for help.
TWENTY FIVE	Furnish as soon as possible the weather conditions at your location.
TWENTY SIX	Help and care for evacuation of sick and injured from this location needed at once.

Emergency/priority messages originating from official sources, must carry the signature of the originating official.

Group Two -- -- Routine messages

FORTY SIX	Greetings on your birthday and best wishes for many more to come.
FIFTY	Greetings by Amateur Radio.
FIFTY ONE	Greetings by Amateur Radio. This message is sent as a free public service by ham radio operators here at _____ . Am having a wonderful time.
FIFTY TWO	Really enjoyed being with you. Looking forward to getting together again.
FIFTY THREE	Received your _____ . It's appreciated; many thanks.
FIFTY FOUR	Many thanks for your good wishes.
FIFTY FIVE	Good news is always welcome. Very delighted to hear about yours.
FIFTY SIX	Congratulations on your _____ , a most worthy and deserved achievement.
FIFTY SEVEN	Wish we could be together.
FIFTY EIGHT	Have a wonderful time. Let us know when you return.
FIFTY NINE	Congratulations on the new arrival. Hope mother and child are well.
*SIXTY	Wishing you the best of everything on _____ .
SIXTY ONE	Wishing you a very merry Christmas and a happy New Year.
*SIXTY TWO	Greetings and best wishes to you for a pleasant _____ holiday season.
SIXTY THREE	Victory or defeat, our best wishes are with you. Hope you win.
SIXTY FOUR	Arrived safely at _____ .
SIXTY FIVE	Arriving _____ on _____ . Please arrange to meet me there.
SIXTY SIX	DX QSLs are on hand for you at the _____ QSL Bureau. Send _____ self addressed envelopes.
SIXTY SEVEN	Your message number _____ undeliverable because of _____ . Please advise.
SIXTY EIGHT	Sorry to hear you are ill. Best wishes for a speedy recovery.

*Can be used for all holidays.

ARL NUMBERS SHOULD BE SPELLED OUT AT ALL TIMES.

License Renewal Information

1) Attach a photocopy, or the original, of your license to the FCC Form 610 (available from ARRL hq.; s.a.s.e. please).

2) Mail to FCC, Box 1020, Gettysburg, PA 17325.

3) Retain copies of everything, if possible, as proof of filing before expiration. If you file before the license expiration date, you may continue to operate beyond the expiration date and until the new license arrives. After expiration, there is a one-year grace period under which you may still renew and keep your call sign without retesting, but you must wait until the new license arrives to operate. There is also a five-year grace period under which you may still renew; however, after the initial one-year period, you will be issued a new license with a new call sign. After this five year grace period expires, you must be re-examined for a new license. Normally, application should be made approximately 90 days before expiration; however, renewal can be applied for at any time during the term of the license.

4) If you are simply modifying your license (change of address, for example), you must fill out the Form 610; a letter is no longer sufficient. Incidentally, your license will also be automatically renewed at this time.

5) If you have any questions or problems, drop a note to the Membership Services Department, ARRL.

Table 1

The "Considerate Operator's Frequency Guide"

Some frequencies that are generally recognized for certain modes or certain activities:

1800-1810 kHz	cw, DX calling	21.09-21.10 MHz	RTTY
1825-1830 kHz	"DX window" (no W/VEs)	21.34 MHz	SSTV
3610-3630 kHz	RTTY	28.09-28.10 MHz	RTTY
3845 kHz	SSTV	28.68 MHz	SSTV
7090-7100 kHz	RTTY	28.30-29.50 MHz	Satellite downlinks
7171 kHz	SSTV	29.52-29.58 MHz	Repeater inputs
14.08-14.10 MHz	RTTY	29.60 MHz	FM simplex
14.23 MHz	SSTV	29.62-29.68 MHz	Repeater outputs

(In addition, on 20 meters in particular, the low end of the U.S. phone segment is reserved for DX, the high end for traffic, and ragchewing in between. The dividing lines are not definite, however.) Radio Control R/C Channels: 53.1, 53.2, 53.3, 53.4, 53.5, 53.6, 53.7 and 53.8 MHz.

U.S. Amateur Frequency and Mode Allocations

Power Limits: All U.S. amateurs are limited to 250-watts dc input in the Novice segments. On all other segments, with certain exceptions in the 160-meter and 420-MHz bands, 1-kilowatt dc input is permitted. Also, there are erp limitations for stations in repeater operation. (See 97.67, FCC rules.) At all times the power level should be kept down to that necessary to maintain communications. (Revised as of December 6, 1980)

Bandwidth Limitations

FREQUENCY (OR PHASE) MODULATION: On frequencies below 29.0 MHz, the bandwidth of F3 emission shall not exceed that of an A3 emission having the same audio characteristics.

TELEVISION: On frequencies below 50 MHz, the bandwidth of A5 and F5 emissions shall not exceed that of an A3 single sideband emission. Between 50 and 225 MHz, single sideband or double sideband A5 may be used and the bandwidth shall not exceed that of an A3 single sideband or double sideband signal respectively. The bandwidth of F5 emission shall not exceed that of an A3 single sideband emission. Below 225 MHz, A3 and A5 emissions may be used simultaneously on the same carrier frequency provided the total bandwidth does not exceed that of an A3 double sideband emission.

DIGITAL TRANSMISSION:

(a) *International Telegraphic Alphabet No. 2 (Baudot code).* When using frequency-shift keying, the shift shall be less than 900 Hz. With audio frequency-shift keying, the highest fundamental modulating frequency shall not exceed 3000 Hz and the audio frequency shift shall be less than 900 Hz.

(b) *American Standard Code for Information Interchange (ASCII).* F1 emission shall be utilized on those frequencies between 3.5 and 21.25 MHz where its use is permissible, and the sending speed shall not exceed 300 bauds. F1, F2 and A2 emissions may be utilized on those frequencies between 28 and 225 MHz where their use is permissible and the sending speed shall not exceed 1200 bauds. F1, F2 and A2 emissions may be utilized on those frequencies above 420 MHz where their use is permissible and the sending speed shall not exceed 19.6 kilobauds.

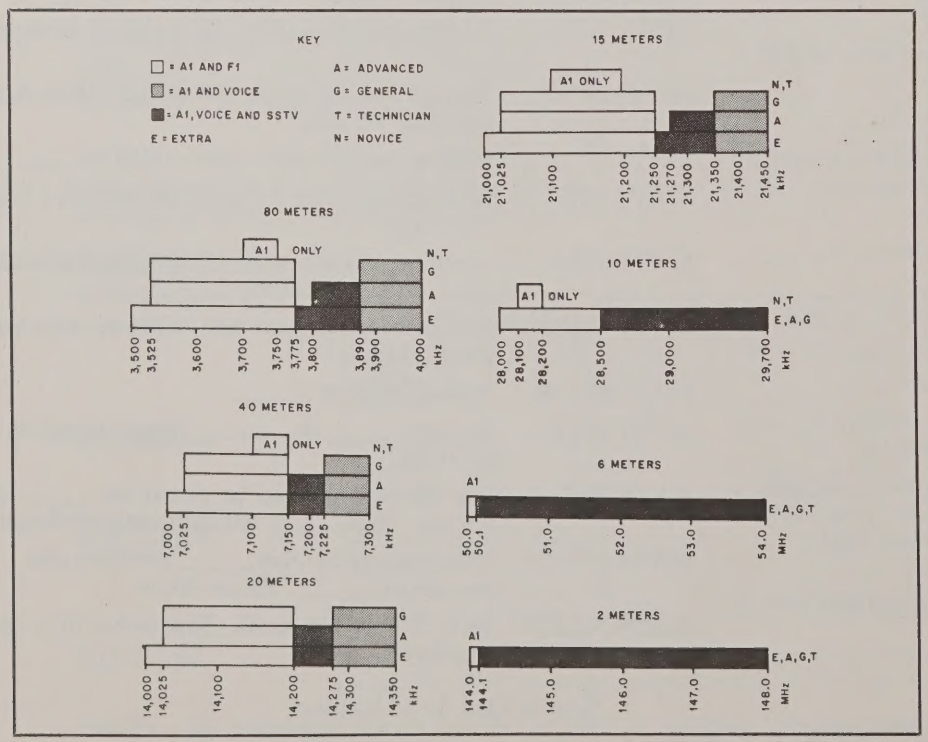
The code must conform to the American Standard Code for Information Interchange (ASCII) as defined in American National Standards Institute (ANSI) standard X3.4-1968. See §97.69 of the Amateur Rules.

ALL MODES: The carrier frequency plus modulating frequencies must be contained within amateur allocations and within appropriate subbands.

NOTE: Some amateur bands are shared with other services. Some geographical limitations exist for the 420-MHz band. For details, and for information on specialized modes, see *ARRL License Manual.* For information on repeaters, see the *License Manual* and *Repeater Directory.*

160 METERS: Extra, Advanced and General may use some segments at 1.8-2.0 MHz. Limitations are on a geographical basis; see *License Manual* or request form MS/G-7 from ARRL hq.

Other — All modes, except as noted.



Extra, Advanced, General, Technician

MHz	*GHz***
220-225*	10.0-10.5*
420-450*	24.0-24.25
1215-1300*	48.0-50.0
2300-2450	71.0-76.0
3300-3500	165.0-170.0
5650-5925	240.0-250.0
	All above 300

*Pulse not permitted.
**1 GHz = 1000 MHz.

INTERNATIONAL Q SIGNALS

A Q signal followed by a ? asks a question. A Q signal without the ? answers the question affirmatively, unless otherwise indicated.

QRA	What is the name of your station?
QRG	What's my exact frequency?
QRH	Does my frequency vary?
QRI	How is my tone? (1-3)
QRK	What is my signal intelligibility? (1-5)
QRL	Are you busy?
QRM	Is my transmission being interfered with?
QRN	Are you troubled by static?
QRO	Shall I increase transmitter power?
QRP	Shall I decrease transmitter power?
QRQ	Shall I send faster?
QRS	Shall I send slower?
QRT	Shall I stop sending?
QRU	Have you anything for me? (Answer in negative).
QRV	Are you ready?
QRW	Shall I tell.....you're calling him?
QRX	When will you call again?
QRZ	Who is calling me?
QSA	What is my signal strength? (1-5)
QSB	Are my signals fading?
QSD	Are my signals mutilated?
QSG	Shall I send.....messages at a time?
QSK	Can you work breakin?
QSL	Can you acknowledge receipt?
QSM	Shall I repeat the last message sent?
QSO	Can you communicate with.....direct?
QSP	Will you relay to.....?
QSV	Shall I send a series of V's?
QSW	Will you transmit on.....?
QSX	Will you listen for.....on.....?
QSY	Shall I change frequency?
QSZ	Shall I send each word/group more than once? (Answer, send twice or.....)
QTA	Shall I cancel number.....?
QTB	Do you agree with my word count? (Answer negative).
QTC	How many messages have you to send?
QTH	What is your location?
QTR	What is your time?
QTV	Shall I stand guard for you.....?
QTX	Will you keep your station open for further communication with me?
QUA	Have you news of.....?

TIME CONVERSION CHART

UTC	EDT/AST	CDT/EST	MDT/CST	PDT/MST	PST
0000*	2000	1900	1800	1700	1600
0100	2100	2000	1900	1800	1700
0200	2200	2100	2000	1900	1800
0300	2300	2200	2100	2000	1900
0400	0000*	2300	2200	2100	2000
0500	0100	0000*	2300	2200	2100
0600	0200	0100	0000*	2300	2200
0700	0300	0200	0100	0000*	2300
0800	0400	0300	0200	0100	0000*
0900	0500	0400	0300	0200	0100
1000	0600	0500	0400	0300	0200
1100	0700	0600	0500	0400	0300
1200	0800	0700	0600	0500	0400
1300	0900	0800	0700	0600	0500
1400	1000	0900	0800	0700	0600
1500	1100	1000	0900	0800	0700
1600	1200	1100	1000	0900	0800
1700	1300	1200	1100	1000	0900
1800	1400	1300	1200	1100	1000
1900	1500	1400	1300	1200	1100
2000	1600	1500	1400	1300	1200
2100	1700	1600	1500	1400	1300
2200	1800	1700	1600	1500	1400
2300	1900	1800	1700	1600	1500
2400*	2000	1900	1800	1700	1600

Universal Coordinated Time (UTC) is the time at the zero or reference meridian. Time changes one hour with each change of 15° in longitude. The five time zones in the U.S. proper and Canada roughly follow these lines.

*0000 and 2400 are interchangeable. 2400 is associated with the date of the day ending, 0000 with the day just starting.

THE R-S-T SYSTEM

READABILITY

1 — Unreadable.
2 — Barely readable, occasional words distinguishable.
3 — Readable with considerable difficulty.
4 — Readable with practically no difficulty.
5 — Perfectly readable.

SIGNAL STRENGTH

1 — Faint signals, barely perceptible.
2 — Very weak signals.
3 — Weak signals.
4 — Fair signals.
5 — Fairly good signals.
6 — Good signals.
7 — Moderately strong signals.
8 — Strong signals.
9 — Extremely strong signals.

TONE

1 — Sixty cycle a.c. or less, very rough and broad.
2 — Very rough a.c. very harsh and broad.
3 — Rough a.c. tone, rectified but not filtered.
4 — Rough note, some trace of filtering.
5 — Filtered rectified a.c. but strongly ripple-modulated.
6 — Filtered tone, definite trace of ripple modulation.
7 — Near pure tone, trace of ripple modulation.
8 — Near perfect tone, slight trace of modulation.
9 — Perfect tone, no trace of ripple or modulation of any kind.

If the signal has the characteristic steadiness of crystal control, add the letter X to the RST report. If there is a chirp, the letter C may be added to so indicate. Similarly a click, add K. The above reporting system is used on c w and voice, leaving out the "tone" report on voice.

ITU Phonetic Alphabet

Word list adopted by the International Telecommunication Union

A	ALFA
B	BRAVO
C	CHARLIE
D	DELTA
E	ECHO
F	FOXTROT
G	GOLF
H	HOTEL
I	INDIA
J	JULIETT
K	KILO
L	LIMA
M	MIKE
N	NOVEMBER
O	OSCAR
P	PAPA
Q	QUEBEC
R	ROMEO
S	SIERRA
T	TANGO
U	UNIFORM
V	VICTOR
W	WHISKEY
X	X-RAY
Y	YANKEE
Z	ZULU

IN AN EMERGENCY

Monitor your local emergency net frequency.

Make contact with your local EC or RO.

Take immediate steps to follow any prearranged plans.

Stay off the air unless or until you are *sure* you can be of assistance.

In widespread emergencies, monitor W1AW for latest bulletins and news.


A
R
R
L